

Newark Fire Department

1984

NINETY-NINTH

ANNUAL REPORT



KENNETH A. GIBSON, Mayor

MUNICIPAL COUNCIL

RALPH T. GRANT, JR., President

GEORGE BRANCH, Central Ward  
ANTHONY CARRINO, North Ward  
SHARPE JAMES, At Large  
HENRY MARTINEZ, East Ward

DONALD M. PAYNE, South Ward  
RONALD L. RICE, West Ward  
DONALD TUCKER, At Large  
MARIE L. VILLANI, At Large

ELTON E. HILL, Business Administrator

JOHN P. CAUFIELD, Fire Director

NEWARK, NEW JERSEY

# FIRE DEPARTMENT ANNUAL REPORT 1984

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## Fire Department

1010 18th Avenue  
Newark, New Jersey 07106  
201 733-7424

John P. Caufield  
Director

March 7, 1985

The Honorable Kenneth A. Gibson  
Mayor, City of Newark  
Newark, New Jersey

Dear Sir:

I hereby respectfully submit the Annual Report for the year 1984, outlining the activities of the Fire Department.

The primary goals of the Fire Department continue to be

1. The prevention of unfriendly fires, and
2. The minimizing of life and property loss when unfriendly fires occur.

The most desirable method of reducing life and property loss due to fire is through Fire Prevention, Public Fire Safety Education, and Fire Code Enforcement. Activities in these areas will continue vigorously and will be expanded, particularly in the smoke detector and public education areas.

Of the 22 fire deaths recorded, all occurred where there were no smoke detectors installed, where smoke detectors were not functioning, or where other adverse conditions existed.

The Department has completed surveying the City for violations of the Smoke Detector Regulations of the State Multiple Dwelling Law. Although the Department has no legal obligation to enforce this law, an agreement was reached with the New Jersey Department of Community Affairs for processing and prosecution. Also, two members of the Department have been appointed to the New Jersey Council on Public Fire Education to enhance activities in this area.

During 1984, bids were awarded for the purchase of three 1,000 GPM Pumpers with Tele-Squirt accessories, one 110 ft. Aerial Ladder Quint and one Heavy Duty Rescue Unit. These units are scheduled for delivery early in the fire suppression area.

Total fires in the city decreased by 8.3% from 1983, while total building fires decreased by 18%. The most dramatic decrease was the number of fires in vacant buildings which was 43%, the lowest number since 1967.

## Fire Department

1010 18th Avenue  
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John P. Caufield  
Director

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Malicious False Alarms decreased by 11% due to recommendations of the Department's Ad Hoc Committee formed to combat this problem.

The Fire Resource Management Study, conducted with Public Technology Incorporated (PTI), is now complete and a committee has been formed to study the possible relocation of fire stations. These recommendations will be available early in 1985.

### RECOMMENDATIONS

- \* The continuation of fire apparatus replacement program.
- \* Replacement of obsolete and poorly located fire stations.
- \* The continuation of the fire station rehabilitation program.
- \* The acquisition of a Fire Protection Engineer to assist in evaluating fire protection technology that is constantly being developed.
- \* The continuation of the water main cleaning and relining program.
- \* That members of the Judiciary impose maximum penalties for violations of the Fire Prevention Code, especially where there are violations of the Smoke Detector Code Ordinance, the transmission of false alarms, and the vandalism and illegal opening of fire hydrants.
- \* The continuation of the vacant building demolition program.
- \* The continuation of Public Fire Safety Education progress involving all city agencies.
- \* The continuation of replacing outdated equipment in Fire Alarm Headquarters.

**Fire Department**

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**John P. Caufield**  
Director

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- \* That consideration be given to increase compensation for Fire Department inspectors assigned to the Fire Prevention Division and the New Division of Fire and Life Safety will be formed in 1985 to enforced the new New Jersey Uniform Fire Safety Code.

\* \* \* \* \*

I hereby heartily commend Fire Chief Stanley J. Kossup, and all the Officers and men under his command, and also the Members of the Administrative Staff, for their dedicated and efficient service rendered throughout the year.

A debt of gratitude is owed to the Fire Department Surgeon and to the Chaplains of the Department for their outstanding efforts in attending to the needs of the men of the Department.

I also extend thanks to the Fire Department's Citizens' Advisory Committee for their efforts and advice, and thanks are also extended to the Members of the Bell & Siren Club for their help and comfort during times of emergency.

On behalf of the Members of the Fire Department, I extend to you, Mr. Mayor, to the Members of the Municipal Council, to the Business Administrator and to all City Department Directors, our sincere appreciation for your interest and cooperation in helping us solve some of our problems.

Respectfully submitted,

JOHN P. CAUFIELD  
Director, Fire Department

JPC:ci

## Fire Department

1010 18th Avenue  
Newark, New Jersey 07106  
201 733-7424

John P. Caufield  
Director

February 28, 1985

Hon. John P. Caufield, Director  
Newark Fire Department  
Newark, New Jersey

Dear Sir:

Forwarded herewith is the Annual Report of the Newark Fire Department for the year 1984.

The past year has again shown that, despite the many problems we have faced, we continue to meet all demands and obligations placed upon us and the caliber of fire service the public receives remains at a high level. This can be directly attributed to a dedication to duty displayed by our Members; the cooperation of other Departments; and the high level of leadership and understanding exhibited by the Administration.

As in past years, the City of Newark continued to experience financial problems which caused us to operate under strict and burdensome budgetary constraints, as will be the case for many years to come. Surmounting these obvious restrictions, we continue to implement our methods for improving service to our citizens.

Some examples of our progress can be shown in the acquisition of three fifty-five foot "Tele-Sqrts", a 110' aerial ladder truck equipped with pumping capability, and a new rescue unit. We are on the brink of putting all the parts together in connection with our Hazardous Material Emergency Response Plan. We've completed our PTI Firehouse Relocation Study and find that our desired response time for a first arriving unit is a reality; in fact, the average response time for first arriving units has been calculated as 1.47 minutes.

The Newark Fire Department has embarked on a course that will devote more attention and manpower to Fire Prevention activities in future years. This should further decrease the need for suppression concerns thus making the City of Newark and its citizenry even better protected from the ravages of fire.

I wish to again extend to all Members of the Department my sincere appreciation for the many efforts they have made in the efficient performance of their duties, often under hazardous and stressful conditions.

# Newark

Kenneth A. Gibson  
Mayor

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## Fire Department

1010 18th Avenue  
Newark, New Jersey 07106  
201 733-7424

John P. Caufield  
Director

Hon. John P. Caufield, Director  
Newark Fire Department

February 28, 1985  
Page 2

I also extend my thanks to Mayor Kenneth A. Gibson, the Members of the Municipal Council, and to all agencies and City Officials who have in any way assisted our Department in meeting its goals of fire prevention and suppression in 1984.

Respectfully submitted,



STANLEY J. KOSSUP,  
Fire Chief

SJK:JMR  
Enc.

F I R E   D E P A R T M E N T - C I T Y   O F   N E W A R K

Hon. Elton Hill  
Business Administrator

Hon Kenneth A. Gibson  
Mayor

Hon. John P. Caufield  
Fire Director

William T. Whalen, Administrative Officer  
Esther Conrad, Administrative Secretary  
Kenneth Blaha, Asst. Chief Clerk

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Stanley J. Kossup, Fire Chief, U.F.D., Commanding  
Alexander McCrory, Deputy Fire Chief, Executive Officer

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DEPUTY FIRE CHIEFS

1st Deputy Division

John Tartis  
David J. Kinnear  
Albert Maresca  
Robert John Miller

2nd Deputy Division

Edward J. Chrystal  
John Griggs  
William M. Carragher, Jr.  
Joseph J. Pierce

Coordinators

Robert J. Buccine  
James Raymond  
Cantalora Palestino

Roving

Edward R. Dunn

Special Assignment

James McCormack

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BATTALION FIRE CHIEFS

1st Battalion

Edward Rydzewski  
Frederick Nolan  
Richard Meeker  
Frank A. Calvitti

3rd Battalion

Leonard Mendola  
Richard Bitter  
Anthony Maresca  
Joseph Ricca

4th Battalion

James Richardson  
Anthony DeTroia  
Kenneth Miller  
James Smith

5th Battalion

Joseph T. Miller  
Robert J. Smith  
Carroll Henderson  
Robert James Miller

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## SUB-DIVISIONS OF THE FIRE DEPARTMENT

### Fire Prevention Division

James Morgan, Deputy Chief  
Alfred Machiaverna, Supervising Fire Protection Inspector  
John Anstiss, Supervising Fire Protection Inspector

### Division of Investigation

Emil Nardone, Captain  
Anthony Nardone, Captain

### Fire Signal System

Albert Lasso, Chief, Communications  
Vincent Lyons, Asst. Chief, Communications  
John DiBlasio, Chief, Constr./Maint.  
Walter J. Maszczak, Asst. Chief, Constr./Maint.

### Special Services & Supply

Joseph L. Magnusson, Deputy Chief  
Walter Mueller, Chief of Fire Apparatus  
Joseph Abbondante, Captain, Mask Division  
William Scholz, Captain, Supply Division  
Anthony Graziano, Captain, Hose Division

### Training Center

Alfred Freda, Deputy Chief  
James McCormack, Batt. Chief, Safety & Water Officer  
Carl Duerr, Captain, Instructor (apparatus)  
Eugene Anderson, Captain Audio-Visual, T.V.(apparatus)

### Planning & Research Division

John J. Valent, Deputy Chief  
Louis P. Formisano, Batt. Chief  
Albert R. Payne, Captain  
Abnathy Alfonso Mason, Captain  
Thomas Burke, Captain  
Eli Savarese, Captain

### Community Relations & Civil Defense (Emergency Management)

Robert Fitzpatrick, Battalion Chief  
Charles Manara, Captain, Civil Defense

### Medical Division

Morris Halper, M.D., Fire Surgeon

### Chaplains

Rev. Horton J. Raught, Catholic  
Rabbi Horace Zemel, Jewish

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F I R E   D E P A R T M E N T

Financial Statement

Salaries and Other Pay Appropriations	\$24,565,835.03
Other Expenses Appropriations	<u>436,882.00</u>
	\$25,002,717.03

Expenditures

Salaries	\$22,294,517.72
Overtime	341,000.00
Acting Officers	93,440.00

Miscellaneous Receipts

Fire Prevention Division	\$67,653.75
Miscellaneous	4,038.75
Current Accounts	57.25

Miscellaneous

1/3/84	Chubb & Sons, Inc. - Tuition Refund	\$1,105.00
3/7/84	N.J. Highway Authority (Response to Garden State Parkway)	\$ 100.00
6/11/84	N.J. Turnpike Authority (Response 7/1/83 - 12/31/83)	\$ 975.00
6/1/84	N.J. Highway Authority (Response to Garden State Parkway)	\$ 50.00
10/29/84	N.J. Highway Authority (Response to Garden State Parkway)	\$ 50.00
10/29/84	N.J. Turnpike Authority (Response 1/1/84 - 6/30/84)	\$1,725.00

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F I R E   D E P A R T M E N T  
VITAL STATISTICS - 1984

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1/1/84 - 78 Firefighters laid off  
1/15/84 - Layoffs rescinded.

APPOINTMENTS

2/13/84	Michael Kossup, Lineman, Prov.	11/5/84	Howard S. Ferguson, F/F
5/7/84	Samuel H. Evans, F/F	"	William E. Weidele, F/F
"	Michael P. Wolf, F/F	"	Arthur M. Mauriello, Jr., F/F
"	John S. Agoston, F/F	"	Peter E. Torres, Jr., F/F
"	Alvin C. Fleming, F/F	"	Gregory A. Salvato, F/F
"	Charles J. Crenshaw, F/F	"	Nathan Johnson, F/F
"	Anthony S. Vernacchia, F/F	"	<del>Chester B. Solowiej</del> , F/F
"	Michael E. Foy, F/F	"	James G. Weiss, F/F
"	Willie J. Booker, F/F	"	Kevin C. Flanagan, F/F
"	Frederick W. Fatzler, F/F	"	Phillip R. Norman, F/F
"	Gilbert Colon, Jr., F/F	"	Robert J. Testa, F/F
"	Thomas Keith, Jr., F/F	"	Michael Nasta, F/F
"	Gunter Albino, F/F	"	Stanley McNeil, F/F
"	Bruce Paynter, F/F	"	Orlando Arce, F/F
"	Arthur S. Sanhudo, F/F	"	James L. Wendt, F/F
"	Steven P. Deceuster, F/F	"	Anthony Austin, F/F
"	Richard P. Cuccolo, F/F	"	<del>Herbert Harris</del> , F/F
"	Gregory Sereico, F/F	"	Richard W. McLaughlin, F/F
"	Cortney Ruffner, F/F	"	Joseph T. Miller, F/F
"	Thomas W. Cook, F/F	"	David Kraemer, F/F
"	Clifton T. Humphrey, F/F	"	Thomas J. Conditto, F/F
11/5/84	James A. Krueel, F/F	"	<del>Ronald C. Williams</del> , F/F
"	John D. Muoio, F/F	"	Eric M. Blanding, F/F
"	Lawrence M. Berfet, Jr., F/F	"	Kent O. Hunt, F/F
"	Jorge O. Anta, F/F	"	Otis B. Johnson, F/F
"	John P. Perdisatt, F/F		

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PROMOTIONS

4/16/84    Kevin Caufield, promoted to Lineman, Foreman  
4/16/84    Patrick McCarthy, promoted to Lineman Foreman  
5/7/84     John Anstiss, promoted to Supervising Fire  
                 Protection Inspector  
9/24/84    Angelina Capriglione, promoted to  
                 Supervisor of Accounts  
11/26/84   William Knapp, promoted to Chief Fire Alarm  
                 Operator, Provisional

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Resignations

2/10/84 - Lineman Steven J. Kossup  
3/1/84 - F/F Larry Darden

Deaths

4/18/84 - F/F William Chadwick  
5/18/84 - F/F Angelo Chiaravallo  
8/12/84 - F/F James M. Murray, L.O.D.

# F I R E   D E P A R T M E N T

## Vital Statistics (2)

### RETIREMENTS

		(Cont'd)		
1/1/84	Batt. Chief Edward Hester		3/1/84	F/F Joseph Sheridan
"	Thomas McCann, Chief, Fire Alarm Division		"	F/F Augustine Emposimato
"	Capt. Rocco Donatiello		"	F/F George Orlando
"	Capt. Joseph Zoppi		"	F/F Luciano Miele
"	Capt. Ralph Buonincontri		"	F/F Richard Doherty
"	Capt. Anthony DiBartolo		"	F/F Theodore Glunk
"	F/F Alois Essig		"	F/F Leonard Minatee
"	F/F Justin Corbo		"	F/F Bernard Swider
"	F/F Bernard Gerrity		"	F/F Cornelius Keaney
"	F/F Salvatore Marconi		"	F/F Michael Del Santoro
"	F/F Robert Miller		"	F/F Robert Molchan
"	F/F Rocco Palestina		"	F/F Vincent Lepiscopo
"	F/F John Pydeski		"	F/F Joseph Iovine
"	F/F Thomas Wasik		"	F/F Joseph Stock
2/1/84	Dep. Chief Frederick Grehl		"	F/F John Bryant
"	Batt. Chief Robert King		"	F/F Henry Richter
"	Batt. Chief Daniel Tauriello		4/1/84	Dep. Chief Angelo Ricca
"	Capt. Joseph Callaghan		"	Batt. Chief Fred Boehringer
"	Capt. Anthony Masterson		"	Capt. Fred Orlando
"	Capt. George C. Orlando		"	Capt. Robert Schnering
"	F/F Frank Kamyk		"	Capt. Lawrence DeRogatis
"	F/F John Conlon		"	Capt. Ralph Seavey
"	F/F Harry Douglas		"	F/F Michael Mehalenko
"	F/F William Hahn		"	F/F James Comerici
"	F/F James Reid		"	F/F Joseph Marzano
"	F/F Philip Walsh		5/1/84	Dep. Chief Robert Marron
"	F/F Franklin Fink		"	Capt. Francis Oakley
"	F/F Samuel Sosnicky		"	Capt. John Galop
"	F/F Robert Regan		"	Capt. John Friery
"	F/F Edward Kovacs		"	F/F Edward Loffredo
"	F/F Hugo Erno		"	F/F Kenneth Matoon
3/1/84	Batt. Chief Richard Hettinger		6/1/84	Batt. Chief Charles Plath
"	Batt. Chief Thomas Melody		"	Capt. Joseph Corbalis
"	Capt. Gene McCormack		"	F/F Michael Whalen
"	Capt. Joel Zucker		7/1/84	F/F Garrett Conlan
"	Capt. John Hall		"	F/F William Quirk
"	Capt. John Hughes		"	Capt. Clifton Titcomb
"	Capt. Anthony Giorgio		"	Capt. Merrill King
"	Capt. Victor Melillo		8/1/84	F/F John Brown
"	Capt. William Tenpenny		"	F/F Robert Lefferts
"	F/F Bernard Meyer		9/1/84	Capt. Frank Lipere
"	F/F William Costigan		"	F/F Michael Clines
"	F/F James Hayden		"	F/F Charles McFadden
"	F/F Michael Menafro		"	F/F Thomas Grzywinski
"	F/F Thomas DeLuca		10/1/84	F/F Martin McEvoy
"	F/F Peter McGrath		"	F/F Rocco Piegaro
"	F/F Franklin Theiss		"	F/F Nicholas DiDomenico
"	F/F Peter Cunningham		11/1/84	F/F Albert Ritorto
"	F/F John Keelan		"	F/F Henderson Bullock
"	F/F Vincent Belleran		"	F/F John Collani
			"	F/F Edward Forrest

COMPANY STATISTICS 1984

COMPANY	TOTAL ALARMS ANSWERED	TOTAL ALARMS WORKED	EMERGENCY CALLS	HOURS OF ENGINE DUTY	FEET OF HOSE USED	HYDRANTS INSPECTED	DRILLS & DEMONSTRATIONS	HOURS OUT OF QUARTERS	IN-SERVICE BUILDING INSP.
Eng.Co. 4	2449	1053	21	286:00	64,477	224	384	1144:00	430
Eng.Co. 5	1511	366	0	135:05	39,450	125	349	719:55	181
Eng.Co. 6	3628	1280	0	358:00	100,700	340	231	1438:00	378
Eng.Co. 7	2953	599	1	245:50	85,025	333	394	942:15	474
Eng.Co. 8	1086	312	0	120:25	20,200	299	279	879:16	162
Eng.Co. 9	2714	767	3	247:11	73,650	400	175	783:59	204
Eng.Co.10	2396	635	0	263:25	58,500	325	353	950:55	531
Eng.Co.11	2732	600	0	243:35	73,300	480	384	974:21	358
Eng.Co.12	2870	692	0	211:48	62,400	224	241	1070:09	114
Eng.Co.13	1777	732	0	215:00	43,800	360	376	792:00	188
Eng.Co.14	1820	445	0	233:15	50,950	499	370	936:15	224
Eng.Co.15	2310	454	3	220:00	55,580	240	324	770:13	255
Eng.Co.16	548	314	0	113:13	9,400	324	337	330:38	148
Eng.Co.17	2422	504	14	144:00	54,400	303	253	903:00	229
Eng.Co.18	2563	639	0	211:25	55,950	258	306	997:45	321
Eng.Co.19	1334	389	2	135:40	28,250	351	305	733:59	304
Eng.Co.21	1118	213	2	109:15	28,850	333	283	504:21	202
Eng.Co.26	1288	400	26	78:10	21,300	426	365	502:00	454
Eng.Co.27	1079	301	0	137:02	33,150	430	364	784:36	357
Eng.Co.28	1444	425	1	171:20	33,000	514	270	652:00	366
Eng.Co.29	1933	564	0	129:17	41,550	245	439	731:21	286
Rescue	2283	902	345	--	--	350	337	1168:43	73
Fireboat	7	7	3	--	--	--	96	--	--
Totals	44,265	12,593	418	4007:01	1,033,882	7383	7215	18,706:13	13491

Engine Co. 16 - out of service from 7/1/84 to 9/18/84

Fireboat - out of service from 5/29/84 to present, December 31, 1984.

COMPANY STATISTICS 1984 (2)

COMPANIES	TOTAL ALARMS ANSWERED	TOTAL ALARMS WORKED	EMERGENCY CALLS	FEET OF LADDER USED	NUMBER OF INSPECTIONS MADE	DRILLS AND DEMONSTRATIONS	HOURS OUT OF QUARTERS	NUMBER OF HYDRANTS INSP.
Truck Co. 1	2190	525	2	13,144	308	412	1,032:00	311
Truck Co. 4	904	189	0	3,562	220	353	636:07	550
Truck Co. 5	2903	841	0	16,390	231	375	1,414:00	225
Truck Co. 6	1586	494	0	8,444	369	399	830:57	310
Truck Co. 7	2609	684	0	14,010	449	635	1,183:47	392
Truck Co. 8	609	152	4	2,355	200	320	494:27	285
Truck Co. 9	2242	600	0	7,106	607	277	914:43	254
Truck Co.10	1773	458	0	6,176	314	344	584:00	302
Truck Co.11	2595	477	14	15,602	288	240	958:33	332
Truck Co.12	1005	289	0	4,599	329	361	346:30	242
TOTALS	18,416	4,709	20	91,388	3,315	3,716	8,393:44	3,203

BATTALION CHIEFS

Battalion Districts	Alarms Answered	Alarms Worked	Districts Inspected
Batt. Dist. 1	4,172	1,105	149
Batt. Dist. 3	3,112	1,307	365
Batt. Dist. 4	3,848	1,268	227
Batt. Dist. 5	2,348	1,060	223
TOTALS	13,480	4,740	964

DEPUTY CHIEFS

Deputy Divisions	Alarms Answered	Alarms Worked	Districts Inspected
Deputy Div. 1	2,128	1,355	195
Deputy Div. 2	1,479	1,055	243
TOTALS	3,607	1,190	438

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( 1 )

FIRE PREVENTION DIVISION

Annual Report for 1984  
submitted by  
Deputy Chief James Morgan

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In 1984 the Fire Prevention Division moved forward with some changes that expressed accountability. Detailed and itemized procedures of work flow, now enable us at a glance to tell where we are in a given situation. In an effort to reduce the duplication of work among various City and State agencies, meetings were held with the supervisors in order to streamline the work handled by our Inspectors and theirs. The effectiveness of these changes will increase the efficiency of those involved.

The Fire Prevention Division has continued with the education and training of all inspectors, due to the changing codes and ordinances required by the State.

SMOKE DETECTORS

Have we reached the point of diminishing returns? Many experts in the field of Fire Prevention do not think so. Though fire fatalities are down nationally; 1981 - 6,700 deaths, 1982 - 6,020 deaths, 1983 - 5,820 deaths, much more can be accomplished by informing the public and making them fire conscious in their homes. The City Ordinance requiring Smoke Detectors is a strong one and with the efforts of this department, when court action is required the effect is being felt. Fire fatalities in the City were respectively, 1981 - 25 deaths, 1982 - 25 deaths, 1983 - 21 deaths. It can be seen that the City of Newark is keeping pace with the national figures. The State Smoke Detectors law that requires them in all multi-family dwellings is being pursued with a diligent effort to inspect all the City's buildings. Those buildings that do not meet the minimum requirements will be referred to the Code Officials that handle the State Fire Code Regulations.

PUBLIC EDUCATION

Some 200,000 pieces of Fire Prevention literature has been distributed to the Citizens of the City, Civic Groups, Schools and City Employees. All requests for information and public speakers have been answered throughout the year with a significant amount of work being done during Fire Prevention Week.

( 2 )  
FIRE PREVENTION DIVISION

PUBLIC EDUCATION CTD.

All Schools were visited several times during 1984. Not many violations were found to exist in our schools. Though the Board of Education is cooperative in most instances, we have to monitor the situation closely and constantly make them cognizant of the dangers that they subject to our school children.

VACANT BUILDINGS

The protection of Firefighters is paramount in any Fire Department. Firefighter injuries are needless in vacant building fires, yet they occur at an alarming frequency. In the City of Newark over 500 buildings have been demolished through the efforts of the members of our department and Team demolition.

FIRE RECORDS

The Fire Records Bureau has maintained its high degree of efficiency and has compiled accurate statistics which reflect the fire situation in our City. The requests for fire verifications are all answered as quickly as possible in a professional manner significant of a large city Fire Department. All fires concerning injuries and deaths are investigated and an attempt has been made to determine the source of ignition.

PLAN REVIEW

Structural plans showing new construction, renovations, repairs and expansion have been reviewed throughout the year. The input from the Fire Department has been requested as never before from Architects, Builders, Contractors and Fire Suppression System Installers. The Fire Department now has an obligation to demand fire safe structures, further reducing the loss of lives in our City. The decrease in structural damage will naturally ensue as a result of our input.

HAZARDOUS WASTE

On August 8, 1984 Resolution No. 7RDX was adopted by the Municipal Council of Newark, which has accepted the Municipal Contingency Response Plan, contracted by the Engineering firm of Louis Berger and Associates.



( 3 )  
FIRE PREVENTION DIVISION

HAZARDOUS WASTE CTD.

The protective clothing and equipment for the response team has been put out on bid.

Meetings have been held with various agencies involved in the response plan as to training and responsibilities for each Agency.

FIRE SUPPRESSION SYSTEMS

A program of having all fire suppression systems in the City tested has been instituted recently. Knowing that many Sprinkler Systems in the City are of an advanced age and may be in a state of deterioration, has prompted a program requiring annual testing and certification. This will no doubt result in greater fire safety and greater protection for many structures.

PERMITS

The permits issued by the Fire Prevention Division continue to be one of our highest priorities, and computerizing the list of permits has aided in keeping the situation well in hand. These permits which aid in monitoring the hazards which exist in the City are an invaluable aid to the Fire Department and will continue to receive a high order of priority. Plans are in the offing to have a computer card for all places of business that require a permit for their operation.

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FIRE PREVENTION DIVISION

(4)

TOTAL INCIDENTS -----	19,344
Fire Incident Response -----	5,245
Other Response -----	14,099
Misc. Sig. 5s Not Recorded-----	3,008
TOTAL -----	22,352

BUILDING FIRES-----	1,701
(Occupied-----	1,467
(Vacant -----	234

NON-BUILDING FIRES-----	3,544
(Dumpster -----	392
(Auto -----	1,152
(Truck/Bus/Frt.-----	174
(Brush/Rubbish -----	1,826

NON-HOSTILE FIRES-----	264
(C/Cooking-----	98
(Inciner./Compactor----	112
(Arcing/Sht.Circuit----	51
(Other-----	3

MALICIOUS FALSE ALARM-----	8,770
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ALL OTHER RESPONSE -----	5,065
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FIRE RELATED DEATHS-----	22
(Civilian-----	21
(Firefighter-----	1

MULTIPLE ALARM FIRES-----	73
2nd. Alarm-----	64
3rd. Alarm-----	9
4th. Alarm-----	0

SIGNAL 11- Fires -----	414
Occupied-----	327
Vacant -----	85
Non-Building -----	2

MUTUAL AID TO ASSIST NEWARK-----	3
OUT OF CITY RESPONSE-----	31

FIRE PREVENTION DIVISION

(5)

TOTAL INCIDENTS-----	19,344
Fire Incident response -----	5,509
Other Response -----	13,835
Misc.Sig.5s Not Recorded -----	3,008
TOTAL -----	22,352

BUILDING FIRES -----	1,965
*(Occupied-----	1,731
(Vacant-----	234
*(Including non-hostile Fires as per-901 Code)	

NON-BUILDING FIRES-----	3,544
(Dumpsters-----	392
(Auto -----	1,152
(Truck/Bus/Frt. -----	174
(Brush/Rubbish -----	1,826
(Other-----	0

MALICIOUS FALSE ALARM -----	8,770
-----------------------------	-------

ALL OTHER RESPONSE -----	5,065
--------------------------	-------

FIRE RELATED DEATHS -----	22
(Civilian-----	21
(Firefighter -----	1

MULTIPLE ALARM FIRES -----	73
2nd. Alarm -----	64
3rd. Alarm -----	9
4th. Alarm -----	0

SIGNAL 11-FIRES-----	414
(Occupied -----	327
(Vacant -----	85
(Non-Building -----	2

MUTUAL AID TO ASSIST NEWARK-----	3
OUT OF CITY RESPONSE -----	31

BUILDING INSPECTIONS-----		24,586
{by Bureau inspectors) -----	15,691	
(Inservice Inspections)-----	8,895	
 FIRE CODE VIOLATIONS PROCESSED-----		5,538
{Rec'd from in-Serv.Co's)-----	1,032	
{Bureau Inspectors -----	3,119	
{Telephone/Letters -----	1,387	
 SPECIAL BUREAU DETAILS-----		106
(Public Functions )		
 FIRE PREVENTION LECTURES-----		396
{School Children Involved)-----	53,190	
{Other Civic Groups -----	5,800	
 FIRE PREVENTION LITERATURE DISTRIBUTED-----		200,000
 PLANS EXAMINED AND APPROVED-----		384
(Re;Sprinklers/Standpipe/etc.)		
 PERMITS ISSUED-----		3,658
{Misc.Comb.Storage/use)-----	2,697	
{Oil/Gas Equipment -----	50	
{Theatre Operations -----	5	
{Other -----	906	
 PERMIT FEES COLLECTED-----		\$ 67,654.25
 COURT CASES INITIATED-----		145
(Violations of Fire Code)		
 COURT CASES INITIATED-----		286
{ Postponed -----	179	
{ Withdrawn -----	0	
{ Dismissed -----	32	
{ Bench Warrant -----	25	
{ Guilty -----	50	
 FINES COLLECTED-----		\$ 7,640
 FIRE INVESTIGATIONS-----		130
 PHOTOGRAPHS TAKEN -----		2,200
(Hazardous Buildings))		
 LETTERS SENT-----		1,873
{Regular )-----	1,181	
{Registered)-----	692	
 SMOKE DETECTOR PLANS REVIEWED -----		1,313
 SEMINAR/CONTINUING EDUCATION (Man Hours)-----		553

(7)

## 1984 - MULTIPLE ALARM FIRES - 1984

INCIDENT	DATE	TIME	STATION	ADDRESS	SIZE/CLASS		ALARM
00021	JAN. 1	0602		683- Broadway	5- St. Br.	Apt.	2nd
00099	2	1953	1446	470- So. 17th. St.	3- St. Fr.	Dw.	2nd.
00216	5	0008	4234	577- 83- Hunterdon St.	3- St. Fr.	Dw.	2nd.
00633	13	2117	3451	782- 84- No. 6th. St.	3- St. Fr.	Dw.	3rd.
00978	22	1850	1235	66- 68- Norfolk St.	3- St. Fr.	Dw.	2nd.
01035	24	1583	1122	51- So. Orange Ave.	4- St. Br.	Dw. /WB.	2nd.
01302	30	0503	4319	435- 39- Springfield Ave.	3- St. Fr.	Dw.	3rd.
01303	30	0513	4454	548- So. 11th. St.	4- St Br.	Fctry.	2nd.
01391	FEB. 1	1115	1427	82- 9th. Ave.	3- St. Fr.	Dw.	2nd.
01510	3	2020	2326	28- Parkhurst St.	3- St. Fr.	Dw.	2nd.
01701	8	0140	1337	114- 18- 12th. Ave.	3- St. Fr.	Dw.	2nd.
02248	19	1242	1614	143- 45- Isabella Ave.	2½- St. Fr.	Dw.	2nd.
02534	25	1854	4148	127- Johnson Ave.	4- St. Br.	Apt.	2nd.
02556	26	0537	3121	219- 21- 4th. St.	2- St. Fr.	Dw.	3rd.
02980	MAR. 6	1814	1337	114- 12th. Ave.	3- St. Fr.	Dw.	2nd.
03117	10	0928	1465	52- 58- No. 9th. st.	2- St. Fr.	Dw.	2nd.
03148	10	2342	2169	24- E. Park St.	7- St. Br.	Hotel	2nd.
03853	25	0832	4362	380- 86- 18th. Ave.	3- St. Fr.	Dw.	2nd.
03945	26	2040	1436	290- So. 11th. St.	3- St. Fr.	Dw.	2nd.
03952	26	2341	4157	641- High St.	1- St. Br.	Supermarket	2nd.
04034	28	1846	3326	823- Parker St.	2- St. Fr.	Dw.	2nd.
04051	29	1242	3314	99- 2nd. Ave.	4- St. Br.	Apt.	2nd.
04976	APR. 17	3252	2238	55- Lincoln Ave.	4- St. Br.	Apt.	3rd.
04978	18	0105	4429	792- So. 18th. St.	3- St. Fr.	Dw.	2nd.
05665	30	2132	1438	310- So. 11th St.	3- st. Fr.	Dw.	2nd.

(8)

## 1984 - MULTIPLE ALARM FIRES - 1984

INCIDENT #	DATE	TIME	STATION	ADDRESS	SIZE/CLASS	ALARM
06145	MAY 9	2039	2145	25- Academy St.	4- St. Br. Dw/WB.	421 3rd.
06444	15	2132	1232	240- Central Ave.	2- St. Br. Whs.	547 2nd.
06532	16	2157	3253	55- Lincoln Ave.	4- St. Br. Apt.	423-5 2nd.
06775	20	0544	3136	81-113- Mt. Prospect Ave.	2- St. Fr. Dw.	414 2nd.
07256	27	2052	4228	1- Grumman Ave.	5- St. Br. Apt.	424 2nd.
08031	JUNE 10	0416	4234	72- Chadwick Ave.	3- St. Fr. Dw.	422 2nd.
08066	10	1843	1356	715-21- Broadway	2- St. Br. Store	526 3rd.
08798	20	2106	1329	385- W. Market St.	3- St. Fr. Dw.	422 2nd.
08908	22	0155	2229	30- Walnut St.	4- St. Br. Apt.	423 2nd.
09020	23	2331	3247	147-49- Lincoln Ave.	4- St. Br. Apt.	423 2nd.
09886	JULY 7	0101	1321	314-18- 7th. Ave.	3- St. Fr. Dw.	422-5 2nd.
10164	11	0204	4254	587-91- Hunterdon	3- St. Fr. Dw.	422 2nd.
11178	27	0404	4144	350- Irvine Turner Blvd.	4- St. Br. Apt.	423 2nd.
12084	AUG. 12	0211	2115	48- Academy St.	14- St. Br. Office	591 3rd.
12135	13	0354	3312	142-46- Bloomfield Ave.	2- St. Br. Stores	512 2nd.
12411	17	1850	3134	Br. Brk. Park	1- St. Br. Rink.	123 2nd.
12692	21	2119	4446	620- So. 18th. St.	3- St. Fr. Dw.	422-5 2nd.
12875	24	2135	1427	72-74- So. 13th. St.	3- St. Fr. Dw.	422 2nd.

(9)

1984 - MULTIPLE ALARM FIRES - 1984

<u>INCIDENT #</u>	<u>DATE</u>	<u>TIME</u>	<u>STATION</u>	<u>ADDRESS</u>	<u>SIZE/CLASS</u>	<u>ALARM</u>
13396	SEPT. 3	0330	5422	103-05 - Pacific St.	3- St. Fr. Dw. 422	2nd.
13842	11	2131	5419	233 - South St.	3- St. Fr. Dw. 422	2nd.
13986	13	0136	3245	683 - Broadway	4- St. Fr. Apt. 423	2nd.
14230	19	2344	4436	380- Avon Ave.	3- St. Fr. Dw. 422	2nd.
14237	20	0435	4445	627-31- So.20 th. St.	3- St. Fr. Dw. 422-5	2nd.
14311	21	1645	5197	573- Ferry St.	1- St. Br. Shop 573	2nd.
14376	22	1637	5511	2- Aldine St.	3- St. Fr. Dw. 422	2nd.
15118	OCT. 7	0734	2324	24-26- Sherman Ave.	4- St. Br. Apt. 423	3rd.
15183	8	0229	1667	42-46- Norwood St.	3- St. Fr. Dw. 422	2nd.
15296	10	1158	5321	23- George St.	3- St. Br. Fctry. 773	2nd.
15920	21	1907	3118	37- Spring St.	4- St. Br. Apt. 424-5	2nd.
15933	21	2343	4325	614-16- Hunterdon St	3- St. Fr. Dw. 422-5	2nd.
16219	28	0426	3256	7-9- Mt.Pleasant Ave.	2- St. Fr. Dw. 414	2nd.
16423	NOV. 1	0433	5328	1- Ave. L	1- St. Br.Chem.Mfg. 865	2nd.
16910	9	2134	1238	161- Sussex Ave.	3- St. Fr.Dw. 422-5	2nd.
17815	27	0034	4146	141-43- W.Bigelow	5- St. Br.Apt 424-5	3rd.
17928	30	0414	4484	500-04- 18th. Ave.	3- St. Fr.Dw. 422	2nd.

(10)

1984 - MULTIPLE ALARM FIRES - 1984

INCIDENT #	DATE	TIME	STATION	ADDRESS	SIZE/CLASS	ALARM
18225	Dec. 5	2253	1417	214 - Roseville Ave.	4- St. Br. Apt.	424 2nd.
18244	6	2003	2324	45 - Frelinghuysen Ave.	3- St. Br. Dw	422 2nd.
18311	8	3224	3224	146 - Broad St.	3- St. Br. Dw.	422-5 2nd.
18502	12	0109	4321	10-12 - Gareis St.	3- St. Fr. Dw.	422 2nd.
18549	13	0500	4234	102 - Ridgewood Ave.	3- St. Fr. Dw.	422 2nd.
18572	13	1613	2242	11 - Hill St.	5- St. Br. Office	591 2nd.
18731	16	2337	1331	373 - W. Market St.	2- St. Br. Dw/Wb.	421 3rd.
18769	18	0310	3123	55 - Webster St.	2- St. Fr. Dw.	422-5 2nd.
18833	19	2246	2149	200 - Market St.	2- St. Br. Store	581 2nd.
18839	20	0200	3124	27 - Broadway	3- St. Fr. Dw.	422 2nd.
18842	20	0708	1513	18 - Vermont Ave.	3- St. Fr. Dw.	422 2nd.
18892	21	1315	4144	410 - So. 16th. St.	3- St. Fr. Dw.	422 2nd.
19207	28	2300	2112	200 - Market St.	2- St. Br. Store	581 2nd.

TOTAL MULTIPLES

2nd. Alarm----- 64

3rd. Alarm ----- 9  
73



MULTIPLE ALARMS (11)

<u>MONTH</u>	<u>1970</u>	<u>1971</u>	<u>1972</u>	<u>1973</u>	<u>1974</u>	<u>1975</u>	<u>1976</u>	<u>1977</u>	<u>1978</u>	<u>1979</u>	<u>1980</u>	<u>1981</u>	<u>1982</u>	<u>1983</u>	<u>1984</u>
JAN.	6	5	13	5	5	4	7	7	10	10	5	14	10	6	8
FEB.	6	3	4	5	5	0	6	6	9	15	13	5	10	0	6
MAR.	7	8	7	7	4	6	4	4	5	8	7	4	7	3	8
APR.	14	12	16	6	5	12	4	4	15	11	14	13	3	1	3
MAY.	6	6	8	9	6	11	4	14	5	7	12	19	8	7	5
JUNE	6	14	4	9	6	4	8	4	14	6	4	7	4	6	5
JULY	5	15	9	7	5	5	2	15	12	3	10	10	6	8	3
AUG.	5	10	8	8	9	3	3	7	10	1	9	11	6	5	5
SEPT.	5	3	3	9	10	3	3	2	7	5	4	6	8	2	7
OCT.	2	2	2	5	2	3	1	9	3	4	7	8	9	3	6
NOV.	2	5	4	8	10	0	8	2	8	7	10	3	6	5	4
DEC.	9	2	5	4	7	6	12	9	9	7	9	10	7	4	13
TOTAL	73	85	83	82	74	57	62	83	107	84	104	110	84	50	73

(12)

FIRE DEATH STATISTICS

<u>MONTH</u>	<u>1970</u>	<u>1971</u>	<u>1972</u>	<u>1973</u>	<u>1974</u>	<u>1975</u>	<u>1976</u>	<u>1977</u>	<u>1978</u>	<u>1979</u>	<u>1980</u>	<u>1981</u>	<u>1982</u>	<u>1983</u>	<u>1984</u>
JAN.	3	1	6	3	0	1	1	2	4	1	3	4	4	4	3
FEB.	2	7	4	12	4	1	0	4	5	12	0	1	9	1	5
MAR.	1	3	10	1	3	0	6	1	3	1	3	1	1	0	1
APR.	8	3	4	5	1	9	0	2	4	9	2	5	1	2	1
MAY.	6	2	4	2	3	7	2	0	0	4	4	3	0	2	0
JUNE	1	7	0	5	0	8	0	0	0	1	3	3	1	4	0
JULY	8	6	1	2	0	1	1	3	1	0	1	2	0	1	1
AUG.	1	3	0	0	3	1	0	0	5	0	3	0	0	0	2
SEPT.	0	0	7	2	0	1	1	0	5	1	0	0	2	0	4
OCT.	2	2	4	1	1	2	0	1	1	0	0	1	6	0	0
NOV.	3	1	6	2	0	1	1	1	4	6	1	0	1	1	0
DEC.	1	5	0	3	6	1	4	14	14	2	3	6	0	6	5
TOTAL	<u>36</u>	<u>40</u>	<u>46</u>	<u>38</u>	<u>21</u>	<u>33</u>	<u>16</u>	<u>28</u>	<u>46</u>	<u>37</u>	<u>23</u>	<u>26</u>	<u>25</u>	<u>21</u>	<u>22</u>

FIRE DEATH STATISTICS (13)

(By Age)

<u>YEAR</u>	<u>TOTAL</u>	<u>6 and UNDER</u>	<u>age 7 to 17</u>	<u>age 18 to 30</u>	<u>age 31 to 50</u>	<u>age 51 to 70</u>	<u>age OVER 70</u>
1969	24	6	0	1	3	10	4
1970	36	9	4	1	6	12	4
1971	40	7	8	5	8	11	1
1972	46	11	7	7	12	4	5
1973	38	12	6	6	5	10	1
1974	21	7	3	1	3	5	2
1975	33	13	5	3	3	9	0
1976	16	3	1	3	2	3	4
1977	28	5	2	5	7	6	2 + 1-Unknown
1978	46	11	8	5	13	6	3
1979	36	6	4	6	4	7	9 + 1-Unknown
1980	23	8	2	2	7	3	1
1981	26	10	1	7	3	3	1 + 1- Unknown
1982	25	5	6	2	4	7	0
1983	21	2	1	2	9	3	2 + 2- Unknown
1984	22	2	5	2	5	7	1

# HIGH RISE BUILDING REPORT

<u>N.H.A</u>	ACTUAL FIRES	INCINERATOR COMPACTOR	FALSE ALARM	OTHER	TOTAL RESPONSE
BAXTER APTS.-----	2	0	0	3	5
BAXTER ELDERLY-----	0	0	0	0	0
BRADLEY COURT-----	0	0	0	1	1
COLUMBUS HOMES-----	20	0	1	34	55
FELIX FULD -----	0	0	0	0	0
HAYES HOMES -----	30	1	0	31	62
HAYES ELDERLY-----	0	0	1	0	1
HYATT COURT -----	0	0	0	1	1
KRETCHMER HOMES-----	43	1	4	46	94
KRETCHMER ELDERLY--	0	0	0	0	0
PENNINGTON COURT---	1	0	4	3	8
ROOSEVELT HOMES-----	1	0	0	2	3
SCUDDER HOMES-----	33	1	3	22	59
SCUDDER ELDERLY----	0	0	0	0	0
SETH BOYDEN -----	3	0	0	3	6
SETH BOYDEN ELDERLY	0	0	0	1	1
STEPHEN CRANE-----	2	0	3	1	6
STEPHEN CRANE ELDERLY	0	0	0	0	0
WALSH HOMES-----	10	4	3	5	22
WALSH ELDERLY -----	0	0	0	0	0
WRIGHT-----	67	6	32	50	155
TOTAL-----	212	13	51	203	479
OTHER THAN N.H.A.-	77	17	9	89	192

(15)

NEWARK PUBLIC SCHOOLS

ELEMENTARY SCHOOL

	ACTUAL FIRES	FALSE ALARM	ALARM MALF.	OTHER INCIDENT	TOTAL RESPONSE
ABINGTON AVE.-----	0	10	1	4	15
ALEXANDER ST.-----	0	16	2	3	21
ANN STREET -----	0	0	7	0	7
AVON AVE.-----	2	6	5	3	16
BELMONT RUNYON-----	0	0	1	1	2
BERGEN ST.-----	0	9	3	3	15
BRAGAW AVE.-----	0	4	4	1	9
BROADWAY -----	0	0	3	6	9
BURNET ST.-----	1	9	6	9	25
CAMDEN ST.-----	1	7	1	2	11
CAMDEN MIDDLE -----	1	2	3	1	7
CHANCELLOR AVE.-----	0	4	4	1	9
CHANCELLOR AVE.ANNEX--	0	0	0	0	0
CLEVELAND -----	0	13	2	1	16
CLINTON AVE.-----	0	1	1	2	4
DAYTON ST.-----	1	8	5	12	26
EIGHTEENTH AVE.-----	0	7	9	5	21
ELLIOT ST. -----	0	6	15	5	26
FIFTEENTH AVE.-----	1	4	2	4	11
FIRST AVE. -----	0	2	1	0	3
FOURTEENTH AVE.-----	1	0	1	0	2
FRANKLIN -----	0	8	2	2	12
G.W.CARVER -----	1	4	1	6	12
HARRIET TUBMAN -----	0	4	4	0	8
HAWKINS ST.-----	3	1	1	3	8
HAWTHORNE AVE.-----	1	3	1	1	6
LAFAYETTE ST -----	1	1	2	3	7
LAFAYETTE ANNEX-----	0	0	0	0	0
LINCOLN -----	0	1	8	8	17
L.A.SPENCER -----	0	1	4	2	7
MADISON -----	2	9	0	1	12
MAPLE AVE.-----	1	7	2	1	11
DR. M.L.KING JR.-----	0	0	0	2	2
McKINLEY -----	0	9	7	7	23
MILLER ST.-----	0	6	5	0	11
MORTON ST.-----	1	0	13	2	16
Mt.VERNON -----	0	10	7	3	20
NEWTON ST.-----	0	5	1	2	8
OLIVER ST.-----	0	3	8	0	11
PESHINE AVE.QUITMAN---	1	0	1	0	2
RIDGE ST.-----	0	0	0	0	0
ROBERTO CLEMENTE-----	0	5	1	6	12
ROBERTO CLEMENTE ANNEX	0	1	0	0	1
ROSEVILLE AVE.-----	0	2	1	3	6
SOUTH ST.-----	1	1	0	1	3
SO.17th.STREET -----	0	27	3	7	37
SPEEDWAY -----	0	0	0	8	8
SUSSEX AVE.-----	0	0	4	2	6
OTHER -----	2	0	6	9	17

ELEMENTARY SCHOOL (cont.)

	ACTUAL FIRES	FALSE ALARM	ALARM MALF.	OTHER INCIDENT	TOTAL RESPONSE
SUSSEX AVE. ANNEX-----	0	0	0	0	0
THIRTEENTH AVE. -----	0	5	1	8	14
WARREN ST. -----	3	1	0	0	4
WEST KINNEY MIDDLE-----	0	1	0	1	2
DR. WILLIAM HORTON -----	1	3	3	2	9
WILSON AVE.-----	0	3	2	1	6

JUNIOR HIGH SCHOOL

BROADWAY JUNIOR HIGH-----	0	0	1	0	1
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SENIOR HIGH SCHOOL

ARTS HIGH-----	0	2	3	1	6
BARRINGER HIGH-----	4	8	2	9	23
BARRINGER PREP.-----	0	0	0	3	3
CENTRAL HIGH -----	2	5	4	3	14
EAST SIDE -----	0	27	31	4	62
ED. CTR. for YOUTH -----	0	0	1	0	1
M.X. SHABAZZ -----	1	20	17	1	39
NEWARK EVENING HIGH-----	0	0	0	0	0
SCIENCE HIGH -----	1	0	0	0	1
UNIVERSITY HIGH-----	0	4	6	6	16
VAILSBURG HIGH-----	4	6	2	3	15
WEEQUAHIC -----	0	7	12	4	23
WEST SIDE -----	2	28	16	5	51

PROFESSIONAL ART SCHOOL  
POST HIGH SCHOOL LEVEL

NEWARK SCHOOL of FINE & INDUSTRIAL ART-----	0	0	0	0	0
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(17)

SPECIAL SCHOOLS

	ACTUAL FIRES	FALSE ALARM	ALARM MALF.	OTHER INCIDENT	TOTAL RESPONSE
FLOYD PATTERSON -----	1	0	0	1	2
MONTGOMERY STREET-----	0	9	2	3	14
ARLINGTON AVE.-----	0	0	0	2	2
BOYLAN STREET -----	0	0	0	0	0
BRANCHBROOK-----	0	0	0	1	1
BRUCE STREET ----- (at G.W.Carver)	0	0	0	0	0
CHESTNUT ST.-----	1	0	0	0	1
HELEN A. KELLER ----- (at L.A.Spencer)	0	0	0	0	0
JOHN F.KENNEDY -----	0	1	4	3	8
SAMUEL L. BERLINER -----	0	0	0	0	0
 TOTALS -----	 42	 346	 265	 203	 856
(All Schools Combined)					

# E-FIRES-AREA OF ORIGIN

(18)

## 0. MEANS OF EGRESS

TOTAL

01. Hallway,corridor,mall -----	92
02. Exterior stairway,fire escape -----	10
03. Interior stairway,ramp -----	17
04. Escalator -----	0
05. Lobby,entrance way -----	1

## 1- ASSEMBLY,SALES AREA

11. Large area w/fixed seats (100 or more)-----	1
12. Large open room w-o fixed seats -----	0
13. Small area less than 100 -----	0
14. Lounge area,living room-den etc. -----	0
15. Sales,showroom,shop area -----	2
16. Library -----	1

## 2- FUNCTIONAL AREA

21. Sleeping room under 5 persons-----	31
22. Sleeping area for 5-or more persons -----	11
23. Dining area,lunchroom,cafeteria -----	5
24. Kitchen,cooking area -----	48
25. Lavatory,locker room,cloakroom -----	7
26. Laundry room -----	2
27. Office -----	2
28. Personal service area,health club etc. -----	8

## 3- FUNCTIONAL AREA (continued)

31. Laboratory -----	1
32. Printing/photo room -----	0
33. First aid treatment area -----	0
35. Electrical/data processing area -----	0
36. Stage ,dressing room area -----	0
37. Projection room -----	1
38. Process, mfg,workroom area -----	

## 4- STORAGE AREA

41. Storage tank or bin -----	1
42. Closet -----	2
43. Supply storage room -----	12
44. Record storage room,vault-----	3
46. Trash,rubbish,area,container -----	82
45. Shipping,receiving area-----	0
47. Garage, carport-----	1



## E-5. SERVICE FACILITIES

(19)

TOTAL

51. Elevator, dumbwaiter -----	29
52. Utility shaft -----	12
53. Light shaft -----	2
54. Chute, laundry-mall -----	5
55. Duct, heat-air Cond. -----	5
56. Display window -----	0
57. Chimney -----	6
58. Conveyor -----	0

## 6. SERVICE, EQUIPMENT AREA

61. Machinery room -----	0
62. Heating equipment room -----	0
64. Incinerator room -----	4
65. Maintenance shop, -----	1

## 7. STRUCTURAL AREA

72. Open porch -----	7
74. Concealed ceiling/roof space -----	0
75. Concealed wall space -----	4
76. Exterior wall surface -----	20
77. Exterior roof surface -----	30
78. Awning -----	0

## 8. TRANSPORTATION, VEHICLE AREA

81. Passenger area -----	834
82. Trunk area -----	39
83. Engine area -----	864
84. Fuel tank, line area -----	15
85. Control area -----	30
86. Exterior area -----	33

## F. EQUIPMENT INVOLVED IN IGNITION

(20)

TOTAL

## 1- HEATING SYSTEM

11. Central heating unit -----	7
12. Water heater -----	0
13. Fixed, stationary local heating unit -----	2
14. Indoor Fireplace -----	0
15. Portable local heating unit -----	8
16. Chimney, Vent, Flue -----	0
17. Chimney connector, vent, connectors -----	3
18. Heat transfer system -----	0

## 2- COOKING EQUIPMENT

21. Fixed, stationary surface unit -----	171
22. Fixed, stationary ovens, rotisseries -----	11
23. Fixed, stationary food warmers -----	2
24. Deep-fat fryer -----	3
25. Portable cooking, warming unit -----	4
26. Open fired grill -----	5
27. Grease hood, duct -----	0

## 3-AIR CONDITIONING, REFRIGERATION EQUIP.

31. Central air cond. refrigeration -----	3
32. Water cooling device -----	0
33. Fixed, stationary local refrig. unit -----	0
34. Fixed, stationary local air cond. unit -----	0
35. Portable air cond. refrig. unit -----	0

## 4- ELECTRICAL DISTRIBUTION EQUIP.

41. Fixed wiring -----	7
42. Transformer, associated overcurrent equip. -----	0
43. Meter, meter box -----	2
44. Panelboard, switchboards, fuses -----	0
45. Switch, receptacle, outlet -----	2
46. Ballast, light fixture, sign -----	31
47. Cord, plug -----	1
48. Lamp, light bulb -----	0

## TOTAL

## 5- APPLIANCE,EQUIPMENT

51- Television,radio,tape recorder -----	6
52- Dryer -----	12
53- Washing machine -----	6
55- Motor,generator -----	17
56- Hand tool,soldering iron -----	0
57- Electric blanket,steam iron -----	0
59- Dishwasher -----	0

## 6- SPECIAL EQUIPMENT

61. Electronic- X-ray,computer -----	0
62. Vending machine -----	1
63. Office machine -----	0
64. Biomedical equipment,device -----	0
65. Pump,compressor -----	0
66. Internal combustion engine -----	0
67. Conveyor -----	0
68. Printing press -----	0

## 7- PROCESSING EQUIPMENT

71. Furnace,oven,kiln -----	7
72. Casting,molding equip. -----	0
73. Heat treating equip. -----	1
75. Coating,asphalt - rubber -----	0
76. Painting,dipping,spraying -----	0
77. Chemical process,digesters,reactors -----	0
78. Waste recovery equip. -----	0

## 8- SERVICE,MAINTENANCE EQUIPMENT

81. Incinerator -----	63
84. Tar pot -----	13
85. Arc,oil lamp -----	0
86. Elevator -----	0
87. Torches,cutting,welding -----	1

## 1-HEAT FROM FUEL-FIRED, FUEL-POWERED EQUIP. (Gas-Liq.)

TOTAL

11. Spark, heat from cutting torch -----	16
12. Spark, heat from welding torch -----	0
14. Spark, flame escaping from gas fueled equip. -----	0
16. Spark, flame escaping from liquid fueled equip. -----	2

## 2-HEAT FROM FUEL-FIRED, FUEL POWERED EQUIP. (Solid fuel

21. Spark from wood/paper fueled equip. -----	3
22. Heat from wood/paper fueled equip. -----	0
26. Heat from other solid fueled equip. -----	0

## 3-HEAT FROM ELECTRICAL EQUIPMENT

31. Water caused short circuit -----	6
32. Short circuit from mechanical damage -----	1
33. Short circuit from defective insulation -----	2
34. Short circuit arc unspecified -----	5
37. Heat from overloaded equipment -----	8

## 4-HEAT FROM HOT OBJECT

41. Heat, spark from friction -----	2
43. Hot ember ash -----	0
45. Rekindle, reignition -----	9
47. Heat from improperly operated elect. equip. -----	0

## 5-HEAT FROM EXPLOSIVE, FIREWORKS

51. Munitions -----	0
53. Blasting agent -----	0
54. Fireworks -----	9
56. Incendiary device -----	0

G-(cont.)

## 6- HEAT FROM OTHER OPEN FLAME, SPARKS, SMOKING MAT.

TOTAL

61. Cigarette -----	12
62. Cigar -----	0
63. Pipe -----	0
65. Match, Lighter -----	1
66. Candle, taper -----	11
67. Warning flare, Fuse -----	0
68. Backfire from internal combustion engine -----	0

## 7- HEAT FROM NATURAL SOURCE

71. Suns heat -----	0
72. Spontaneous ignition, Chem. reaction-----	0
73. Lightning discharge -----	2
74. Static discharge -----	0

## 8- HEAT FROM ANOTHER HOSTILE FIRE(exposure)

81. Heat from direct flame -----	6
82. Radiated heat -----	0
83. Heat from flying brand, ember -----	0
84. Conducted heat -----	0
89. Not classified above -----	0

## 9- OTHER FORM OF HEAT OF IGNITION

97. Multiple form of heat of ignition-----	0
99. Form of heat of ignition not classified above---	0

## 1- STRUCTURAL COMPONENT, FINISH TOTAL

11.Exterior roof covering -----	5
12.Exterior sidewall covering -----	9
13.Exterior trim,door,porch -----	4
14.Floor covering,tile,carpet,rug -----	4
15.Interior wall covering -----	10
16.Ceiling covering,acoustic tile etc.-----	12
17.Structural members,framing -----	4
18.Thermal insulation within wall -----	1

## 2- FURNITURE

21.Upholstered sofa,chair -----	43
22.Non-upholstered chair,bench -----	2
23.Cabinetry,chest,bookcase -----	2
24.Ironing board -----	1
25.Appliance housing or casing -----	7

## 3- SOFT GOODS,WEARING APPAREL

31.Mattress,pillow -----	243
32.Bedding,blanket,sheet -----	11
33.Linen other than bedding -----	4
34.Wearing apparel not on person -----	9
35.Wearing apparel on person -----	4
36.Curtain,blind,drapery -----	11
38.Luggage -----	6

## 4- ADORNMENT,RECREATIONAL MATERIAL

41.Christmas tree -----	0
42.Decoration for special events -----	0
43.Book -----	2
44.Magazine,newspaper etc. -----	8
45.Toy,games -----	3
46.Awning,canopy -----	2
47.Tarpaulin,tent -----	0

(HA-cont.)

(25)

5-SUPPLIES, STOCK

TOTAL

51.Box, carton, bag -----	7
52.Basket, barrel -----	32
53.Pallet, skid -----	5
55.Packing, wrapping material -----	2
54.Rope, cord, twine -----	1
56.Bale storage -----	2
57.Bulk storage -----	0
58.Cleaning supplies -----	1

6-POWER TRANSFER EQUIPMENT, FUEL

61.Electrical wire, insulation -----	3
62.Transformer -----	4
63.Conveyor belt, drive belt -----	4
64.Tire -----	11
65.Fuel -----	2

7-GENERAL FORM

71.Agricultural prod.-----	2
72.Fence, pole -----	2
73.Fertilizer -----	3
74.Growing form, brush, grass -----	165
75.Rubbish, trash -----	1,507
76.Cooking material -----	335
77.Sign -----	2

8-SPECIAL FORM

81.Dust, fiber, lint -----	1
82.Pyrotechnics, explosives -----	0
83.Atomized, vaporized liquid -----	0
84.Chips -----	0
85.Palletized material -----	5
86.Gas, liquid from pipe or container -----	0
87.Rolled material -----	1
88.Adhesive -----	0

9-OTHER FORM OF MATERIAL

91.Railroad ties -----	29
------------------------	----

## HB- TYPE OF MATERIAL FIRST IGNITED

## 0- WOOD CELLULOSE-NATURAL OCCURING.

	TOTAL
01. Grass -----	6
02. Leaves -----	6
03. Duff -----	0
04. Peat -----	0
05. Tree/Brush -----	240
06. Snag -----	0
07. Logs -----	6
08. Slash -----	0

## 1- GAS

11. Natural Gas -----	2
12. L.P. City Gas -----	0
13. Manufactured Gas -----	2
14. L.P.-Gas -----	0
15. Anesthetic Gas -----	0
16. Acetylene Gas -----	0
17. Special Gas other than Anesthetic -----	0
18. Hydrogen Gas -----	0

## 2- Flammable COMBUSTIBLE LIQUIDS

21. Class 1A Flammable liquids -----	2
22. Class 1B Flammable liquids -----	1
23. Gasoline -----	10
25. Class 11 Combustible liquids -----	3

## 3- VOLATILE SOLIDS, CHEMICAL

31. Grease, fat (food) -----	6
32. Grease (non-food) -----	4
33. Polish, paraffin, wax -----	0
34. Adhesive, resin, tar -----	3
35. Applied Paint, varnish -----	4
36. Combustible material, magnesium -----	1
37. Solid Chemical -----	1



## HB- TYPE OF MATERIAL FIRST IGNITED (cont.)

## 4. PLASTICS

TOTAL

41. Rigid -----	0
42. Foam -----	2
43. Flexible -----	5
45. Film plastics -----	0

## 5. NATURAL PRODUCTS

51. Rubber -----	3
52. Cork -----	0
53. Leather -----	0
54. Grass-leaves-hay-straw -----	12
55. Grain -feathers-flax - hemp -----	0
56. Coal-coke- briquettes -----	2
57. Food starch -----	0
58. Tobacco -----	0

## 6. WOOD , PAPER

61. Growing wood -----	10
62. Felled but unsawn wood -----	12
63. Sawed wood,finished lumber -----	5
64. Wood shavings,sawdust -----	0
65. Hardboard,plywood -----	2
66. Fiberboard,pressboard-wood products -----	0
67. Paper,untreated,uncoated -----	0
68. Cardboard -----	10

## 7. FABRIC,TEXTILE,FURS

71. Man-made fiber,fabric -----	6
72. Cotton, rayon -----	2
73. Wool,wool mixture -----	0
74. Fur silk -----	1
75. Wig -----	0
76. Human hair -----	

## 8. MATERIAL COMPOUNDED WITH OIL

81. Linoleum -----	0
82. Oil cloth -----	0
83. Treated or coated paper -----	0
84. Waterproof canvas -----	0
85. Asphalt treated material -----	0

## IGNITION FACTOR

1-INCENDIARY	TOTAL
11. Incendiary -----	376
2- SUSPICIOUS	
21. Suspicious -----	160
3- MISUSE OF HEAT OF IGNITION	
31. Abandoned,discarded,cigarettes etc.-----	6
32. Thawing -----	0
33. Falling asleep -----	2
34. Inadequate control of open fire -----	0
35. Cutting,welding,too close to. -----	3
36. Children playing with -----	4
37. Drug,alcohol-impaired-----	0
4- MISUSE OF MATERIAL IGNITED	
41. Fuel spilled accidentally -----	9
42. Improper fueling technique -----	0
43. Flammable liquid used to kindle fire-----	6
44. Washing,cleaning parts W/flamm.liquid-----	0
45. Improper container -----	0
46. Combustible too close to heat -----	2
47. Improper storage -----	2
48. Children playing with -----	4
5- MECHANICAL FAILURE,MALFUNCTION	
51. Automatic control failure-----	4
52. Manual control failure -----	0
53. Short circuit -----	9
54. Part failure,leak -----	0
55. Other electrical failure-----	2
56. Lack of maintenance -----	0
57. Backfire -----	0

## (I) IGNITION FACTOR (cont.)

## 6- DESIGN, CONSTRUCTION , INSTALLATION DEFICIENCY

TOTAL

62. Construction deficiency -----	0
63. Installed too close to combustibles -----	0
64. Other installation deficiency -----	0
69. Not classified above -----	0

## 7- OPERATIONAL DEFICIENCY

71. Collision, overturn -----	0
72. Accidentally trnd. on, turned off -----	72
73. Equipment unattended -----	0
74. overload -----	4
75. Failure to clean -----	0
76. Improper startup, shutdown procedure -----	0
77. Equipment used for purpose not intended -----	0
78. Not operated properly -----	0

## 8- NATURAL CONDITION

81. High wind -----	0
83. High water -----	0
84. Lightning -----	0
89. Not classified above -----	0

## 9- OTHER IGNITION FACTOR

92. Rekindle from previous fire -----	33
93. Exposure fire -----	6
99. Not classified above -----	1

## 2- OVERPRESSURE,OVERHEATING(no ensuing fire))

21. Steam rupture-----	68
22. Air,gas rupture-----	59
29. Overheat,explosion-----	2

## 3- RESCUE,EMERGENCY MEDICAL CALL

31. Medical assist-----	171
32. Emergency medical call-----	297
35. People trapped-----	18

## 4- HAZARDOUS CONDITION,STANDBY

41.Gas leak/Flamm.liq.spill-----	171
44.Elect.arc/short-----	297
45.Oilburner delayed ignition-----	219
46.Vehicle accident-----	246
49.Haz. cond. standby-----	49

## 5- SERVICE CALL

51.Locked out/etc.-----	86
52.Water problem-----	274
53.Smoke/odor condition-----	193
54.Animal problem-----	4
55.Police assist-----	49
56.Unauthorized burning-----	6

## 6- GOOD INTENT CALL

61.Incident cleared prior to arrival-----	7
62.Wrong location-----	0
63.Controlled burning-----	50
64.Multiple box pull-----	3
65.Steam/gas mistaken for smoke-----	22

## 7- FALSE CALL

73.Malfunction of system-----	1,008
74.Unintentional -----	91
79.N.C.A.-----	16

JDA. ACTION TAKEN

32- EXTRACTION -----	15
34- MANPOWER -----	615
35- SEARCH -----	16
36- TRANSPORTATION -----	4
37- FORCE.ENTRY -----	5
41- REMOVE HAZARD(Spills)-----	86
52- MOVE-UP -----	38
53- FIRE WATCH-----	9
54- WATER REMOVAL-----	4
57- FORCE.ENTRY-----	18
91- CODE ENFORCEMENT-----	5
98- NO ACTION TAKEN -----	393
99- NOT CLASSIFIED ABOVE -----	71

JEA- LEVEL OF ORIGIN1- LEVEL ABOVE GRADE

11- GRADE LEVEL-----	313
12- 2nd. STORY-----	250
13- 3rd. STORY -----	146
14- 4th. to 5th.-----	67
15- 6th. to 10th.-----	49
16-11th. to 15th. -----	13
17-16th. to 20th. -----	1
18-Over - 20 -----	2

2- LEVEL BELOW GRADE

21- 1story BELOW GRADE -----	159
22- 2nd Story BELOW GRADE -----	1

JCB- CONDITION ON ARRIVAL

6- FULLY INVOLVED-----	124
7- EXPOSURE -----	56

## MOBIL PROPERTY TYPE

(32)

## 1- PASSENGER ROAD VEHICLES

TOTAL

11. Automobile -----	1,152
12. Bus -----	16
13. Motorcycle, golf cart, snowmobile -----	9
14. Motor home, bookmobile etc. -----	2
15. Travel trailer -----	20
16. Camping trailer -----	20
17. Mobile home -----	0

## 2- FREIGHT ROAD TRANSPORT VEHICLES

21. Trucks over 1-ton, general use -----	47
22. Truck under 1-ton-general use-----	48
23. Semi-trailer truck -----	6
24. Tank truck- non-flamm.cargo-----	0
25. Tank truck- flamm/comb.cargo -----	1
26. Tank truck-compressed gas/L.P. gas -----	0
27. Trash truck -----	2

## 3- RAIL TRANSPORTATION VEHICLES

31. Passenger, diner car -----	0
32. Freight, box car -----	2
33. Tank car -----	0
34. Container, piggy back car. -----	1
35. Locomotive, engine -----	0
36. Self-powered car -----	0
37. Maintenance equipment car -----	0

## 4- WATER TRANSPORT VESSELS

41. Motor craft (under 65 ft.) -----	0
42. Vessel (over 65 ft.under 1000 tons) -----	0
43. Passenger ship -----	0
44. Tank ship -----	0
45. Combat ship -----	0
46. Cargo ship (other than above)-----	0
47. Vessels without power -----	0
48. Commercial fishing vessels -----	0

## MOBILE PROPERTY (continued)

## 5- AIR TRANSPORT VEHICLES

TOTAL

51. Aircraft (under 12,500 lbs.)-----	0
52. Personal aircraft over(12,500 lbs.)-----	0
53. Commercial transport(reciprocating engine)-----	0
54. Commercial (Jet turbine powered )-----	0
55. Helicopter,non-military -----	0
56. Combat type aircraft -----	0

## 6- HEAVY EQUIPMENT

61. Earth moving-bulldozer,grader,etc. -----	1
62. Construction-pile driver,compressor -----	0
63. Material handling-forklift,tow motor-----	2
64. Crane -----	0
65. Tractor -----	0
69. Equipment not classified above -----	0

## 7- SPECIAL VEHICLES,CONTAINER

71. Garden equipment -----	0
72. Dumpster -----	392
73. Mechanical moving shipping container -----	0
74. Armored equipment -----	0

## 9- OTHER MOBILE PROPERTY TYPE

98. Mobile property type not applicable -----	0
99. Mobile property type not classified above-----	0
00. Mobile property undetermined/not reported -----	0

## 11. FIXED USE AMUSEMENT PLACES

## FIRES-INSPECTIONS-VIOLATIONS

111. Bowling -----	0	0	0
112. Billiard, pool hall-----	0	0	0
113. Bingo, dance hall-----	1	21	8
114. Ice rink -----	0	2	0
115. Roller rink -----	0	0	0
119. Not classified above -----	0	0	0

## 12. VARIABLE USE AMUSEMENT PLACES

121. Ballroom, gymnasium -----	0	0	0
122. Exhibition hall -----	0	12	0
123. Arena, grandstand -----	0	10	0
124. Playground -----	26	26	0

## 13. CHURCH, FUNERAL PARLORS

131. Church, chapel -----	3	3	0
132. Religious education -----	0	6	0
133. Church hall-meeting-----	0	10	0
134. Funeral parlor, morgue -----	0	0	0

## 14. CLUBS

141. Boys Club -----	1	6	0
143. Yacht club-----	0		0
149. Not classified above-----	0	0	0

## 15. LIBRARIES, MUSEUM, COURTS

151. Library-----	0	4	0
152. Museum, art gallery-----	0	0	0
153. Historical building-----	0	0	0
154. Memorial building -----	0	0	0
155. Court room -----	0	0	0

## 16. EATING, DRINKING PLACES

161. Restaurant, diner-----	8	39	7
162. Nightclub -----	0	0	0
163. Tavern -----	4	23	0
164. Lunchroom, drive-in-----	0	0	0



## 17-PASSENGER TERMINALS

## FIRE-INSPECTIONS-VIOLATIONS

171. Airport,pass.term.-----	1	30	5
172. Heliport,helistop -----	0	0	0
173. Bus passenger term.-----	0	0	0
174. St.level rail term.-----	17	10	6
175. Undergrnd.rail term.-----	0	0	0
176. Elevated rail term.-----	0	0	0
177. Marine pass.term.-----	0	0	0

## 18-THEATER, STUDIOS

181. Legitimate theater -----	0	0	0
182. Auditorium,concert hall -----	1	12	0
183. Motion pix theater -----	1	4	0
184. Drive-in theater-----	0	0	0
185. Radio,T.V. studio-----	0	0	0
186. Motion pix studio-----	0	0	0

## 2-EDUCATIONAL PROPERTY

## 21. NON-RESIDENTIAL SCHOOLS

211. Nursery school-----	0	84	5
212. Kindergarten -----	0	0	0
213. Elementary School-----	15	309	15
214. Junior high school-----	4	24	4
215. High school-----	7	103	28

## 22-RESIDENTIAL SCHOOL

221. Boarding school-----	0	0	0
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## 23- TRADE,BUSINESS SCHOOL

231. Vocational trade school-----	4	8	0
232. Business school -----	0	35	2
233. Specialty school -----	0	20	5
234. Rehabilitation center-----	0	0	0

## 24- COLLEGE,UNIVERSITY

241. College,university -----	3	4	0
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## 3-INSTITUTIONAL PROPERTY

## FIRE-INSPECTION-VIOLATIONS

## 31.CARE FOR THE AGED

311. Care/aged w/nursing -----	1	36	0
312. Care/aged w/o nursing-----	0	0	0

## 32.CARE OF THE YOUNG

321. Day child-care center-----	0	98	4
322. Orphanage -----	0	0	0
323. Foster home -----	0	0	0

## 33.CARE OF THE SICK,INJURED

331. Hospital -----	39	103	20
332. Sanitarium -----	0	0	0
334. Clinic -----	0	10	0

## 34. CARE OF THE PHYSICALLY RESTRAINED

341. Prison cell-men-----	0	5	0
342. Prison cell-women -----	0	5	0
343. Juvenile detention home-----	0	9	0
345. Police station-----	1	0	0

## 35. CARE OF THE PHYSICALLY INCONVENIENCED

351. Care of deaf-mute-blind-----	0	0	0
352. Physical rehabilitation -----	0	0	0

## 36.CARE OF MENTALLY HANDICAPPED

361. Mental institution-----	0	0	0
362. Mentally retarded-----	0	0	0

## 30. INSTITUTIONAL PROPERTY,UNCLASSIFIED

309. Institutional unclassified-----	0	0	0
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## RESIDENTIAL PROPERTY

## FIRES-INSPECTIONS-VIOLATIONS

## 41-ONE AND TWO FAMILY DWELLINGS

411. One family dwelling-----	43	49	14
414 Two family dwelling-----	318	356	82

## 42- APARTMENTS, TENEMENTS, FLATS

421. 1 or 2 units w/business-----	5	1,182	196
422. 3 through 6 units-----	378	2,296	423
423. 7 through 20 units-----	147	1,239	212
424. over 20 units -----	392	2,743	779

## 43- ROOMING, BOARDING, LODGING HOUSE

431. 3 to 8 roomers -----	1	611	89
432. 9 to 15 roomers-----	0	189	65

## 44- HOTELS, MOTELS, INNS

441. Less than 20 units-----	1	19	4
443. 20 to 90 units-----	4	192	15
445. 100 or more units -----	0	82	10

## 46- DORMITORIES

461. School, college dorm.-----	0	4	0
462. Fraternity, sorority -----	0	0	0
463. Nurses quarters-----	0	0	0
465. Convent, monastery-----	0	0	0
466. Workers bunk house -----	0	0	0

## 48- HOME HOTELS

481. Less than 20 units -----	0	0	0
483. 20 to 99 units -----	0	0	0
485. 100 or more units -----	0	0	0

## 49 - OTHER RESIDENTIAL OCCUPANCY

491. Childrens playhouse -----	1	0	0
492. Outdoor tents-----	0	12	0

## 5- STORE, OFFICE PROPERTY

(38)

## FIRES-INSPECTIONS-VIOLATIONS

## 51. FOOD AND BEVERAGE SALES

511. Supermarket -----	4	11	4
512. Grocery store -----	4	29	16
513. Specialty food store-----	0	6	0
514. Liquor, beverage store-----	1	36	10
515. Creamery, dairy store-----	0	0	0
516. Delicatessen-----	1	5	1

## 52. TEXTILE, WEARING APPAREL SALES

521. Clothing store-----	0	31	10
522. Clothing access-shoe store-	0	16	3
523. Shoe repair shop-----	0	10	2
524. Tailor, dressmaking shop----	0	2	0
525. Fur store-----	0	2	0
526. Dry goods store -----	0	4	1

## 53. HOUSEHOLD GOODS, SALES, REPAIRS

531. Furniture store-----	0	26	5
532. Appliance store-----	1	8	0
533. Hardware store -----	0	4	0
534. Music store -----	0	0	0
535. Wallpaper, paint store -----	0	1	0
536. Rug, floor covering store---	0	0	0
537. Furniture REPAIR-----	0	0	0
538. Appliance repair shop -----	0	0	0

## 54. SPECIALTY SHOP

541. Book , stationery store-----	4	8	3
542. Newsstand, tobacco shop-----	1	4	0
543. Drug store-----	0	6	0
544. Jewelry store -----	0	4	0
545. Gift store-----	0	0	0
546. Leather goods shop -----	1	4	0
547. Florist , greenhouse -----	0	0	0

## 55- RECREATION,HOBBY,HOME REPAIR

## FIRES-INSPECTIONS-VIOLATIONS

551. Hobby,toy shop -----	0	0	0
552. Sporting goods sales-----	0	0	0
553. Photo supplies-sales-----	0	0	0
554. Garden supply stores-----	0	0	0
555. Retail lumber sales-----	0	2	0
556. pet stores/hospital-----	0	0	0
557. Barber,beauty shop -----	0	4	0

## 56. PROFESSIONAL SUPPLIES,SERVICES

561. Professional supp.sales-----	0	0	0
562. Trade supply sales-----	0	0	0
563. Art supply sales-----	0	0	0
564. Laundry/cleaners/self-service----	0	81	2
565. Linen supply house -----	0	0	0
566. Laundry/cleaner pick-up-----	0	25	0
567. Home maintenance services-----	0	0	0
568. Car washing facilities-----	0	0	0

## 57. MOTOR VEHICLE.BOAT SALES,SERVICES-----

571. Service station,public-----	1	159	10
572. Service station.pvt.-----	0	0	0
573. Vehicle repair/paint shop-----	3	53	9
574. Vehicle,trailer sales-----	0	0	0
575. Vehicle accessory sales-----	0	0	0
576. Boat,craft sales-----	0	0	0
577. Service station,marine-----	0	0	0
578. Car washing facilities-----	0	0	0

## 58.GENERAL ITEM STORES

581. Department stores-----	2	10	4
582. Variety store,small-----	0	0	0
583. Variety store,large-----	0	0	0
584. Mail order store-----	0	0	0
585. Mall -----	0	0	0

## 59. OFFICES

591. General business office-----	10	12	0
592. Bank -----	0	0	0
593. Medical research office-----	0	0	0
594. Engineering/architectural -----	0	0	0
595. Mailing office-----	0	0	0
596. Post office -----	0	0	0

## 6- BASIC INDUSTRY, UTILITY, DEFENSE

## FIRE - INSPECTIONS - VIOLATIONS

## 61. NUCLEONICS, ENERGY PLANT

614. Steam heat energy plant-----	0	0	0
615. Elect. generating plant-----	1	0	0
616. Gas Manufacturing plant-----	0	0	0

## 62. LABORATORIES

621. Chemical, medical lab.-----	0	0	0
627. Research-general -----	0	0	0

## 63. COMMUNICATIONS, DOCUMENT FACILITY

632. Radio, radar site -----	0	0	0
633. Fire , police comm. ctr.-----	0	0	0
634. Telephone exchange -----	1	1	0
635. Computer, data process -----	1	1	0
636. Document-repository -----	1	1	0

## 64. UTILITIES

642. Elect. distrib. ctr.-----	2	2	0
644. Gas distributing Center -----	0	0	0
645. Flamm. Distrib. Ctr.-----	0	0	0
646. Steam distrib. ctr.-----	0	0	0
647. Water distrib. ctr.-----	0	0	0
648. Sanitary -garbage service-----	3	0	0

## 65. AGRICULTURE

657. Fruit, vegetable packing-----	1	1	0
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## 66. FORESTRY, HUNTING, FISHING

662. Log storage pile-----	1	0	0
664. Tree-----	5	0	0

## 68. NONMETALLIC MINERAL PRODUCTS

681. Clay products mfg.-----	0	0	0
682. Glass mfg.-----	0	0	0
684. Pottery mfg.-----	0	0	0
685. Cement mfg.-----	0	0	0
686. Concrete batch plant-----	0	0	0
688. Plaster prod. mfg.-----	0	0	0

## 76. CHEMICAL, PLASTIC, PETROLEUM

## FIRES-INSPECTIONS-VIOLATIONS

761. Industrial chem. mfg.-----	3	38	5
762. Hazardous chem.mfg.-----	0	10	2
763. Plastic mfg.-----	0	6	0
764. Plastic prod.mfg.-----	1	5	0
765. Paints, adhesives mfg.-----	3	12	2
766. Drugs.cosmetics mfg.-----	0	0	0
767. Petroleum,gas refinery-----	0	0	0
768. Asphalt,coal prod.mfg,-----	1	4	0

## 77. METAL, METAL PRODUCTS

771.Iron,steel mfg.-----	2	5	0
772.Non-ferrous metal mfg.-----	2	2	0
773.Metal prod.mfg.-----	6	6	0
774.Machinery mfg.-----	0	0	0
775.Elect.machinery mfg.-----	0	0	0
776.Elect.appliance mfg.-----	0	0	0

## 78. VEHICLE ASSEMBLY, MANUFACTURE

781.Ship repairing (over 65')-----	0	0	0
782.Ship repair (under 65')-----	0	0	0
783.Railway equip.mfg.-----	0	0	0
784.Motor vehicle mfg.-----	0	0	0
785.Bycycle assembly mfg.-----	0	0	0
786.Aircraft,rocket assy.-----	0	0	0
787.Transport equip. mfg.-----	0	0	0

## 79. OTHER MANUFACTURING

791.Instrument mfg.-----	0	0	0
792.Photo.optical mfg.-----	0	0	0
793.Watch,clock mfg.-----	0	0	0
794.Jewelry mfg.-----	0	0	0
795.Musical instr.mfg.-----	0	0	0
796.Dry cleaning plant-----	0	0	0
797.Photo film process lab.-----	0	0	0
798.Toy,sporting goods mfg.-----	1	4	2

## 70. MANUFACTURING PROPERTY, UNCLASSIFIED

708. General maintenance shop.---	0	0	0
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## 86. CHEMICAL, PLASTIC PRODUCTS

## FIRES-INSPECTIONS- VIOLATIONS

861.Industrial chemical-----	1	35	5
862.Hazardous chemical -----	0	15	7
863.Plastic-plastic product-----	0	2	0
864.Fertilizer-----	0	0	0
865.Paint-varnish-----	0	8	0
866.Drugs-cosmetics-----	0	4	0
867.Rubber.rubber prod.-----	0	0	0
868.Photo/film storage-----	0	0	0

## 87.METAL.METAL PRODUCT STORAGE

871.Basic metal form-----	0	0	0
872.Metal parts-----	1	0	0
873.Hardware-----	2	4	0
874.Machinery-----	0	0	0
875.Elect.appliance supp.-----	0	0	0
876.Finished metal prod.-----	0	0	0
877.Scrap/junk yards-----	13	298	26

## 88.VEHICLE STORAGE

881.Garage,residential-----	35	28	0
882.Garage,parking -----	17	19	2
883.Bus-car-truck fleet dealer-----	2	2	0
884.Heavy machine equip.-----	0	0	0
885.Marinas-boat,ship-----	0	0	0
886.Aircraft hanger-----	1	3	0
887.Railway storage-----	1	4	1
888.Fire station-----	0	0	0

## 89.GENERAL ITEM STORAGE

891.General warehouse -----	7	28	9
892.Bagged mineral prod.-----	1	0	0
893.Packaged mineral prod.-----	2	0	0
894.Freight terminal-----	0	0	0
895.Coal/coke/charcoal-----	0	0	0
897.Ice storage-----	0	0	0
898.Wharf/pier-----	2	0	0

## 80.STORAGEPROPERTY,UNCLASSIFIED

808. Tool shed -----	13	0	0
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## 91. CONSTRUCTION, UNOCCUPIED PROPERTY

## FIRES- INSPECTIONS-VIOLATIONS

DAI-	1. Under construction-----	3	3	0
	5. Vacant property-----	234	747	96
	6. Abandoned-----	0	0	0
	7. Being demolished-----	0	0	0

## 92. SPECIAL STRUCTURES

## FIRES

921. Bridge. trestle -----	2
922. Tunnel-----	0
923. Public mailbox-----	18
924. Toll station-----	1
925. Shelter, bus, storm-----	2
926. Outbuilding-----	0
927. Telephone booth-----	1

## 93. OUTDOOR PROPERTIES

930. Insufficient information-----	400
931. Open land/field-----	24
932. Dump/land fill -----	4
933. Residential yard-----	152
934. Cemetary-----	11
936. Vacant lot -----	463
938. Parks -----	50
937. River front-----	1

## 94. WATER AREA

942. Port, channel -----	0
946. Inland water area-----	0
943. Piers -----	0

## 95. RAILROAD PROPERTY

951. Railroad right of way-----	57
952. Switchyard-----	7
953. Siding-----	5

## 96. ROAD, PARKING PROPERTY

961. Divided hwy.-----	36
962. Paved public street-----	491
963. Paved private street-----	11
965. Open parking lot-----	6

## 97. AIRCRAFT AREAS

971. In flight -----	0
972. On runway-----	0
974. at loading ramp-----	0

## 98. OUTSIDE EQUIPMENT- OPER. AREA

981. Construction site-----	1
984. Industrial plant yard -----	16

DIVISION OF INVESTIGATION

(Arson Squad)

ANNUAL REPORT FOR THE YEAR 1984

submitted by

CAPTAIN EMIL C. NARDONE

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The following is a report of the activities of the Arson Squad of the Newark Fire Department for the year 1984:

The complete records of all investigations conducted by the Arson Squad, including photographs, evidence, statements, etc., are on file in the Arson Squad office and will be made available to interested parties where needed for deposition, Grand Jury presentation, criminal prosecution, civil suit or for any purpose demanded by law.

Records of juvenile apprehensions, adult arrests, together with court disposition of these arrests, are on file in the Arson Squad office, and will be made available to the proper authorities on request.

The Arson Squad has maintained a daily association with other bureaus of municipal government, such as the Newark Police Department Youth Aid Bureau, Board of Education, Fire Prevention Division and the Department of Health and Welfare.

Throughout the past year, we have continued our liaison with the New Jersey State Police, Essex County Prosecutor's office, Federal Bureau of Investigation, Alcohol, Tobacco and Fire Arms, New Jersey Motor Vehicle Department, New Jersey and Family Services. These agencies have given us important assistance in many of our investigations and we express our gratitude for this help.

Assisted the Division of Criminal Justice with their In-Service Training Program established under N.J.S.A. 40A: 14-7.1.

Continued to cooperate with Essex County Prosecutor's Office (Arson Task Force) with investigations throughout Essex County.

The Division of Investigation has continued to investigate the illegal dumping of chemical waste.

The Division of Investigation assisted in the training of new firefighters at the Training Center.

Provided speakers for the following engagements: New Jersey State Arson Advisory Committee, Coalition Six, New Jersey Bell and the Optimist Club.

Arson Squad (2)

Members appeared, and gave testimony to The Committee on Education and Labor, U.S. House of Representatives, Washington, D.C.

Members of the Arson Squad took the following courses:

Arson for Profit Investigation, given by the Federal Bureau of Alcohol, Tobacco and Firearms. (ATF)

Division of Criminal Justice Arson Investigation Training Course, at the State Police Barracks, Sea Girt, New Jersey.

Advanced Arson Investigation, given by Division of Criminal Justice at Kean College, Union, New Jersey.

Basic Police Course for Arson Investigators, given at Newark Police Academy. All members requalified in the care and use of firearms in this course.

Hazardous Waste Investigation and Prosecution, at the Essex County Police Academy.

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DIVISION OF INVESTIGATION (3)

(Arson Squad)

Investigations for the Year 1984

Signal 100	567
Signal 102	370
Multiple Alarms	73
Complaints	<u>173</u>
Total	1,183

Signal 200 (Deaths)	22
Signal 300 (False Alarms)	17

BREAKDOWN OF INVESTIGATIONS

	<u>Buildings</u>	<u>Non-Buildings</u>	<u>Motor Vehicles</u>	<u>Total</u>
Arson	263	18	95	376
Accidental	101	6	2	109
Undetermined	236	57	67	360
Suspicious	<u>103</u>	<u>15</u>	<u>42</u>	<u>160</u>
Total	703	96	206	1,005

ARRESTS

	<u>Juvenile</u>	<u>Adult</u>	<u>Total</u>
Arson	19	15	34
False Alarms	11	4	15
Threat to Burn	0	0	0
Warrant	0	3	3
Others	<u>4</u>	<u>0</u>	<u>4</u>
Total	34	22	56

	<u>Juvenile</u>	<u>Adult</u>	<u>Total</u>
Reprimand (Fire)	23	0	23
Reprimand (Sig.300)	8	1	9

Referred to Division of Youth and Family Services	- 0
Referred to Youth Aid Bureau	- 35
Court Appearances	- 79
Court Hours	- 354½

DIVISION OF INVESTIGATION  
(Arson Squad)  
Deaths by Fire 1984

<u>Date</u>	<u>Time</u>	<u>Station</u>	<u>Address</u>	<u>Sex</u>	<u>Age</u>	<u>Cause</u>	<u>Bldg. Code</u>
Jan. 2	1307	2329	46 South Street	W/F	50	Arson	422
" "	"	"	" "	P/M	45	"	"
" "	"	"	" "	W/M	55	"	"
Feb. 14	0151	4567	293 Pomona Ave.	B/F	51	Accidental	411
" 26	0537	1321	221 - 4th Street	W/M	16	Undetermined	414
" "	"	"	" "	W/F	11	"	"
" "	"	"	" "	W/F	8	"	"
" "	"	"	" "	W/F	5	"	"
Mar. 28	1846	3326	823 Parker Street	W/F	52	Accidental	411
Apr. 5	1217	1458	47 Tremont Ave.	W/F	83	Accidental	411
July 7	0930	5112	Raymond Blvd Plaza	B/M	24	Accidental	15
Aug. 12	0211	2115	153 Halsey Street	W/M	41	Undetermined	591
19	0339	4251	358 Bergen Street	B/M	13 mo.	Accidental	422
Sept. 19	2344	4436	380 Avon Ave.	B/M	11	Undetermined	422
" "	"	"	" "	B/M	26	"	"
" "	"	"	" "	B/M	32	"	"
" "	"	"	" "	B/F	13	"	"
Dec. 3	2054	1134	215 Warren Street	B/F	44	Accidental	421
" "	"	"	" "	B/F	65	"	"
" 5	2345	1621	32 Salem Street	B/M	24	Accidental	411
" 5	0840	3235	22 Lincoln Ave.	W/F	69	Accidental	414
" 28	2043	2135	117 University Ave.	B/F	64	Accidental	414

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FIRE SIGNAL SYSTEM OPERATIONS

1984 ANNUAL REPORT

ALBERT S. LASSO, CHIEF

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In compliance with the Rules and Regulations of the Newark Fire Department, I hereby submit this Annual Report:

1. Alarms transmitted	19,344
2. False Alarms received	8,666
3. Box tests supervised	4,300
4. Tests from private Fire Alarm companies supervised	3,000
5. Tests conducted of airport fire alarm facilities	365
6. Telephone calls handled over Centrex System (approximately)	508,500
7. Radio calls handled (approximately)	290,000
8. Number of circuits tested	80,000
9. Miscellaneous reports prepared and distributed	10,000
10. Individuals and agencies dispatched to multiple alarms	3,500
11. Prepared and distributed daily alarm summary reports	365
12. Prepared orders for purchase of equipment and materials necessary for this Division	
13. Verified invoices and bills related to all Fire Department telephones	
14. Supervised installation of new equipment within the Central Office	
15. Other job operations performed - bookkeeping, janitorial duties, etc.	

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1. GONG ALARMS TRANSMITTED	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC	TOTAL
(a) Full assignment alarms (all normally scheduled units)	295	235	236	245	344	360	378	390	339	331	324	344	3,821
(b) Signal Eight alarms (Response limited to one Engine Company, a Ladder unit and a Battalion Chief)	67	51	32	24	26	26	25	28	41	27	16	24	387
(c) Signal Nine Alarms (Two Engine Companies, a Ladder unit and a Battalion Chief)	637	670	716	811	882	1053	1042	928	699	691	635	504	9,268
(d) Total of the foregoing	999	956	984	1080	1252	1439	1445	1346	1079	1049	975	872	13,476
2. ONE UNIT ALARMS TRANSMITTED													
(a) Single company fire incidents, emergencies, etc.	377	383	452	445	518	580	535	463	510	524	597	484	5,868
(b) Total movements in this category. (Drills, parades, repairs, etc.)	624	620	711	681	814	858	753	722	712	761	846	774	8,876
3. GRAND TOTAL													
(a) Paragraphs #1 and #2 combined	1623	1576	1695	1761	2066	2297	2198	2068	1791	1810	1821	1646	22,352
4. ALARMS RECEIVED FROM (BY):													
(a) Fire Box:	603	647	675	732	892	1122	1108	974	737	699	588	424	9,201
(b) Public Telephone	294	233	242	290	295	253	280	311	277	303	336	376	3,490
(c) Central Station Automatic Systems:	77	53	44	37	37	41	38	43	39	28	34	38	509
(d) Police Department	9	14	10	7	10	11	9	9	7	6	9	7	108
(e) Department's Radio System:	16	9	13	14	18	12	10	9	19	13	8	27	168
(f) Total of the foregoing:	999	956	984	1080	1252	1439	1445	1346	1079	1049	975	872	13,476

5. <u>MULTIPLE ALARMS</u>	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC	TOTAL
(a) Second Alarms	7	5	8	2	4	4	3	4	7	5	3	12	64
(b) Third Alarms	1	1	0	1	1	1	0	1	0	1	1	1	9
(c) Fourth Alarms	0	0	0	0	0	0	0	0	0	0	0	0	0
(d) Total of the foregoing	8	6	8	3	5	5	3	5	7	6	4	13	73

#### 6. ALARMS FROM FIRE BOXES

(a) Aggregate number of fire alarm boxes pulled	668	715	746	808	982	1236	1200	1065	805	761	646	464	10,096
(b) Signals from fire boxes held, alarm already transmitted:	65	68	71	76	90	114	92	91	68	62	58	40	895

#### 7. REPORTS FOR SAME INCIDENT REC'D THROUGH TWO UNRELATED MEDIUMS

(a) Confirming alarm received from fire box after notice by phone:	37	27	32	44	52	60	59	51	38	26	22	20	468
(b) Confirming phone notice received after alarm from fire box:	17	18	19	20	21	24	25	23	14	10	7	12	210
(c) Alarms received from a single source:	945	911	933	1016	1179	1355	1361	1272	1027	1013	946	840	12,798

#### 8. MISCELLANEOUS

(a) Units relocated in emergencies	93	66	58	44	52	59	53	54	62	66	63	150	820
(b) Telegraph signals transmitted	6168	5715	7310	7743	9277	10364	10239	9745	8183	8110	7879	7355	53,155
(c) Enroute units stopped by radio and returned to service	4395	4206	4329	4752	5508	6331	6358	5922	4747	4615	4290	3836	59,289
(d) Newark units responding to other communities. (Number of incidents)	1	3	2	2	1	4	5	1	0	2	4	7	32
(e) Out of town units responding to Newark. (Number of incidents)	1	0	0	0	0	0	0	1	0	0	0	1	3

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FIRE SIGNAL SYSTEM OPERATION  
CONSTRUCTION & MAINTENANCE  
ANNUAL REPORT  
FOR THE YEAR 1984  
SUBMITTED BY  
JOHN DI BLASIO, CHIEF  
WALTER MASZCZAK, ASST. CHIEF

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The following is an account of this division's work performed during the twelve-month period of 1984, ending on December 31:

Subterranean ducts rodded, (feet of) - - - - -	11,400
Pullwire installed in ducts, (feet of) - - - - -	12,800
Subterranean cable installed (feet of conductor)	300,150
Single line wire installed, (feet of) - - - - -	4,000
Aerial cable installed, (feet of conductor) - -	83,460
Twin "C" wire installed, (feet of conductor)- -	12,050
Galvanized messenger installed (feet of) - - - -	1,025
Subterranean cable removed (feet of conductor) -	210,500
Line wire removed, (feet of) - - - - - - - - -	9,950
Fire Alarm boxes installed (modified)- - - - -	125
Fire Alarm boxes relocated - - - - - - - - -	10
Fire Alarm boxes to shop for service/modification	260
Fire Alarm boxes inspected, tested and wound - -	9,250
Test points Pedestal/Box replaced, reset	
or rehabilitated - - - - - - - - -	214
Pole line construction released only - - - - -	64
Pole line hardware/replaced only - - - - - - -	295
Pole transfers completed - - - - - - - - - - -	141
Trees trimmed - - - - - - - - - - - - - - -	125
Ground rods buried - - - - - - - - - - - - -	2
Fire house batteries and chargers serviced - - - -	73
Field inspections (hours of)- - - - - - - - -	155
Field facility patrol (miles of)- - - - - - - -	180
Training sessions (hours of) - - - - - - - - -	48
Housekeeping/Vehicle maintenance (hours of)- - - -	48
Major job operations completed - - - - - - - - -	4,350
Minor job/corrective functions performed - - - - -	8,825
Pre-construction/survey conferences - - - - - - -	8
Portable radio testing and minor maintenance - - - -	31
Central office maintenance (hours of) - - - - - -	144

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SPECIAL SERVICES AND SUPPLY COMPANY  
ANNUAL REPORT SUBMITTED BY  
JOSEPH L. MAGNUSSON, DEPUTY CHIEF  
FOR THE YEAR 1984

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The Special Service Division operated on an around-the-clock basis throughout the year, and continued to provide the necessary services of supply and repair to all Fire Department units, and to provide for various services to other city departments and agencies and the community in general. These services are performed by our personnel, some of whom are assigned to tours, and some on a daytime basis only. Planned programs and policies were adhered to, and new programs and procedures have been formulated for the forthcoming year, in an attempt to achieve goals in a most expeditious manner.

Accomplishments and services of various sections in this division during the past year are as follows:

DELIVERY AND PICK-UP SERVICE: Deliveries and pick-ups were made on a morning, afternoon, and evening basis as per schedule, for routine items. Items of an emergency nature were handled immediately on a twenty-four hour a day basis. Items handled were such things as housekeeping supplies, tools, equipment, extinguishers, oxygen and air cylinders, masks, furniture, lockers, rock salt, ladders, hose and other supplies and equipment that require storage and transportation.

Special Service personnel responded to multiple alarms and special calls with fuel for apparatus, air tanks, salvage covers, and when requested, the Hi-Ex Foam Generator, smoke ejector, and foam concentrates.

Special Service is also charged with pick-up of salvage covers at fire scenes, and the maintenance of same, also the distribution of these covers to fire companies throughout the Fire Department.

Special Service responded on request to cordon off buildings deemed to be in dangerous condition, and posting these buildings indicating that a dangerous condition exists at this site.

Fire apparatus requiring repairs or adjustments were picked up and delivered to various locations. Replacements for these apparatus were delivered to the affected fire companies by Special Service personnel.

MASK REPAIR DIVISION: The mask department was charged with the repair and continuing maintenance of all type masks used by the Fire Department. During the past year, this department bench-checked and rebuilt to proper working specifications, over 3,374 Survivair masks. Air tanks were also repaired and maintained.

Special Services and Supply Company (2)

AIR PURIFICATION UNIT: An M&J Associates Air Purification system was used during the past year, in conjunction with an Ingersoll Rand compressor, Model H15 T4x 20, 5,000 psi capacity. Our original Robbins Air System, with Ingersoll Rand compressor is now a back-up system. Used in tandem, this package is probably one of the best installations in the country. Over 15,148 air tanks were filled during the past year, with over 200 hours of pumping time recorded during the past year. Provision to comply with Federal and State Health laws were made, air samples were tested monthly, throughout the year.

CANVAS SHOP: Canvas items such as mask box covers, chain saw sheathes, electrical generator covers, control pedestal covers for hook and ladder trucks, turret nozzle covers, hose bed covers, foam covers, stretchers, tool kit bags, smoke ejector covers, mask facepiece holders, rope bags, etc., were made in this department, as well as maintenance of these items. Window shades for various firehouses were also repaired or fabricated in this department.

STOCK ROOM: All tools, equipment, devices and supplies, (except those ordered through Fire Headquarters and the Hose Shop), were ordered, received, checked, recorded, stored, and distributed as needed to the fire units through the delivery service.

Supply room personnel repaired porto-lites, and hand lights of other types, desk lamps, extension cords, K-12 saws, generators, etc. They also made special belts and straps, tested salvage covers, and made the necessary arrangements for the construction and maintenance with the carpenter shop to repair axe and hook handles, mask boxes, skid load panels, hose bed decking, apparatus windshields and canopies, and whatever other needs of the Fire Department requiring the services of the carpenter shop.

This department is also charged with the repair of such articles as portable pumps, explosimeters, and the maintenance of a supply of saw blades. The unit also coordinates the necessary building and maintenance of fire department buildings.

HOSE SHOP: The Hose Shop kept all fire companies properly supplied with hose and fittings. All hose in service was tested, and defective over-age hose was repaired when possible, as were damaged nozzles, valves, adapters, hose fittings, brackets, and other miscellaneous equipment.

Using Oxy-Acetylene welding equipment, many apparatus and equipment parts were repaired, and with this equipment, added to the maintenance capability of the shop.

Special Services and Supply Company (3)

GENERAL: Various size metal ladders were received, stored and placed in service when necessary. All metal ladders on all apparatus are now maintained and repaired by Special Service personnel.

The program for inventory and test control of gas pressure cylinders in use in the department continued throughout the year. These cylinders include air tanks, oxygen tanks, CO<sup>2</sup> tanks, dry powder and dry chemical extinguisher tanks, air pressure and water extinguishers, and kero-test cylinders. All cylinders are tested when required, on a continuing basis from the date of manufacture.

Special Service is also charged with the scheduling of all building repairs to Fire Department buildings. This unit also endeavors to work closely on this subject with personnel from the Bureau of Construction. Maintenance of a file system, recording building complaints and disposition of same is also kept by this unit.

Community assistance activities included the following during the past year:

Pumping out cellars and basements and community owned swimming pools.

Provided and operated portable electric generators, lamps, cables, at emergency situations and routinely on request.

Provided extinguishers for protection at various functions, and for demonstration purposes.

Each sub-division of Special Service maintained records and file systems, submitted various required reports consistent with duties, and activities, engaged in necessary clerical work consistent with objectives, correspondence and telephone communications essential to operations, and performed the housekeeping duties necessary to maintain quarters in a clean and presentable condition.

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SPECIAL SERVICES AND SUPPLY COMPANY  
ANNUAL APPARATUS REPORT FOR THE YEAR 1984  
SUBMITTED BY CHIEF OF APPARATUS  
WALTER B. MUELLER

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In compliance with rules and regulations the following report is respectfully submitted outlining the activities of the Apparatus Division for the year 1984:

There are 84 vehicles and 1 Fire Boat in the Fire Department.

These units are assigned to Chiefs, the Training Academy, Special Service, Bureau of Investigation Arson Squad, Fire Prevention Division, and Community Relations. Model, Register Number and Assignment for each vehicle, is listed below:

Vehicle Inventory as of December 31, 1984

<u>Reg. No.</u>	<u>Model</u>	<u>Assignment</u>
1001	1982 Seagrave Rear Mount	Truck Co. 1
1002	1978 Amer. La France Rear Mount	Truck Co. 11
1003	1972 Mack Pumper	Spare
1004	1974 Ward La France Pumper	Engine Co. 19
1005	1981 Continental Pumper	Engine Co. 11
1006	1981 Continental Pumper	Engine Co. 29
1007	1981 Continental Pumper	Engine Co. 7
1008	1972 Mack Pumper	Spare
1009	1968 Mack Pumper	Spare
1010	1975 Ward La France Pumper	Engine Co. 4
1012	1972 Mack Pumper	Spare
1013	1976 Hendrickson Squirt	Engine Co. 14
1014	1973 Ward La France Pumper	Engine Co. 27
1015	1974 Ward La France Pumper	Engine Co. 5
1016	1982 Seagrave Rear Mount	Truck Co. 12
1017	1981 Continental Pumper	Engine Co. 17
1018	1974 Ward La France Pumper	Engine Co. 28
1020	1975 Chev. Step Van	Training
1021	1974 Chev. Step Van	Training
1022	1968 Mack Pumper	Spare
1024	1981 Continental Pumper	Engine Co. 10
1028	1975 Chev. Suburban F.W.D.	Training
1029	1972 Mack Pumper	Spare
1033	1973 Ward La France Pumper	Engine Co. 13
1035	1974 Ward La France Pumper	Engine Co. 9
1036	1973 Ward La France Pumper	Engine Co. 16
1038	1983 White and 1969 Seagrave	Truck Co. 5
1040	1974 Seagrave	Truck Co. 4
1043	1971 F.W.D. Pumper	Spare
1046	1974 Ward La France Pumper	Engine Co. 26
1048	1976 Hendrickson Squirt	Engine Co. 18
1051	1974 Chevrolet Wagon	Arson Squad

Special Services and Supply Company (2)

Apparatus Report

Vehicle Inventory (cont'd)

<u>Reg. No.</u>	<u>Model</u>	<u>Assignment</u>
1055	1973 Seagrave	Spare
1056	1981 Chevrolet Pick-Up	Special Service
1059	1975 Mack	Rescue
1061	1978 Chevrolet Wagon	Fire Prevention
1062	1980 Chevrolet Wagon	Fire Prevention
1063	1980 Chevrolet Wagon	Community Relations
1064	1978 Chevrolet Wagon	Community Relations
1065	1978 Chevrolet Wagon	Repair Shop
1066	1981 Chevrolet Wagon	Fire Prevention
1068	1981 Chevrolet Wagon	Coordinator
1069	1981 Chevrolet Wagon	Battalion #5
1071	1980 Chevrolet Wagon	Special Service
1072	1980 Chevrolet Wagon	Telegraph
1073	1974 Chevrolet Pick-Up	Special Service
1074	1978 Chevrolet Pick-Up (Crew Cab)	Special Service
1075	1978 Chevrolet Van	Special Service
1077	1972 Seagrave	Truck Co. 7
1079	1971 Mack Snorkel	Truck Co. 6
1080	1972 Seagrave	Spare
1081	1972 Seagrave	Truck Co. 8
1082	1973 Seagrave	Spare
1083	1974 Seagrave	Spare
1084	1981 Chevrolet Wagon	Battalion #4
1085	1970 Chevrolet Cherry Picker	Telegraph
1088	1973 Ward La France Pumper	Engine Co. 8
1089	1975 Seagrave Rear Mount	Truck Co. 9
1091	1973 Ward La France Pumper	Engine Co. 21
1094	1974 Chevrolet Impala	Photographer
1097	1973 Ward La France Pumper	Spare
1100	1982 Seagrave Rear Mount	Truck Co. 1
1101	1983 Chevrolet Impala	John P. Caufield
1102	1980 Chevrolet Van	Telegraph
1106	1972 Chevrolet Line Truck	Telegraph
1107	1980 Dodge Boom Truck	Telegraph
1112	1973 Chevrolet Impala	Community Relations
1113	1978 Chevrolet Impala	Arson Squad
1108	1984 G.M.C. Boom Truck	Telegraph
1115	1981 Chevrolet Impala	Arson Squad
1118	1980 Chevrolet Impala	Arson Squad
1119	1980 Chevrolet Impala	D/C Executive Officer
1121	1980 Chevrolet Van	Training
1130	1983 Chevrolet Malibu	Training
1131	1983 Chevrolet Malibu	Battalion #1

Special Services and Supply Company (3)

Apparatus Report

Vehicle Inventory (cont'd)

<u>Reg. No.</u>	<u>Model</u>	<u>Assignment</u>
1132	1983 Chevrolet Malibu	Deputy #2
1133	1983 Chevrolet Malibu	Battalion #3
1134	1983 Chevrolet Malibu	Deputy #1
1135	1983 Chevrolet Impala	Chief of Department
1136	1983 Chevrolet Impala	Arson Squad
1152	1983 American La France Pumper	Engine Co. 12
1155	1983 American La France Pumper	Engine Co. 15
1156	1983 American La France Pumper	Engine Co. 6
1199	Fire Boat	

Lubrication, oil changes, and preventative maintenance work was done periodically. All repaired pumpers were tested.

All aerial ladders were inspected.

Change-over of apparatus was made whenever necessary.

Supervised the record-keeping of all repairs.

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SPECIAL SERVICES AND SUPPLY

HOSE DIVISION  
ANNUAL REPORT  
SUBMITTED BY  
CAPTAIN ANTHONY GRAZIANO  
FOR THE YEAR 1984

The following report indicates the amount of fire hose in service, hose in reserve, and used hose on hand. Also included is the amount of brass work done as of December 31, 1984.

		<u>HOSE INVENTORY</u>	<u>TOTAL AVAILABLE</u>
4½"	In service with companies	21 - 15 ft. lengths	315 ft.
4½"	In reserve (new hose)	7 - 15 ft. lengths	105 ft.
4½"	In reserve (used hose)	4 - 15 ft. lengths	60 ft.
		<u>32 - 15 ft. lengths</u>	<u>480 ft.</u>
4"	In service with companies	234 - 50 ft. lengths	11,700 ft.
4"	In reserve (new hose)	48 - 50 ft. lengths	2,400 ft.
		<u>282 - 50 ft. lengths</u>	<u>14,100 ft.</u>
4"	In service with companies	18 - 25 ft. lengths	450 ft.
4"	In reserve ( used hose)	2 - 25 ft. lengths	50 ft.
		<u>20 - 25 ft. lengths</u>	<u>500 ft.</u>
3"	In service with companies	94 - 50 ft. lengths	4,700 ft.
3"	In reserve (new hose)	6 - 50 ft. lengths	300 ft.
3"	In reserve (used hose)	210 - 50 ft. lengths	10,500 ft.
		<u>310 - 50 ft. lengths</u>	<u>15,500 ft.</u>
2½"	In service with companies	289 - 50 ft. lengths	15,450 ft.
2½"	In reserve (new hose)	102 - 50 ft. lengths	5,100 ft.
2½"	In reserve (used)	142 - 50 ft. lengths	7,100 ft.
		<u>533 - 50 ft. lengths</u>	<u>26,650 ft.</u>
1-3/4"	In service with companies	244 - 50 ft. lengths	12,200 ft.
1-3/4"	In reserve (new hose)	143 - 50 ft. lengths	7,150 ft.
1-3/4"	In reserve (used hose)	8 - 50 ft. lengths	400 ft.
		<u>395 - 50 ft. lengths</u>	<u>19,750 ft.</u>
1½"	In service with companies	131 - 50 ft. lengths	6,550 ft.
1½"	In reserve (new hose)	6 - 50 ft. lengths	300 ft.
1½"	In reserve (used hose)	66 - 50 ft. lengths	3,300 ft.
		<u>203 - 50 ft. lengths</u>	<u>10,150 ft.</u>



## SPECIAL SERVICES &amp; SUPPLY

Hose Division (2)

1"	Booster in Service - companies	50 - 50 ft. lengths	2,500 ft.
1"	Booster in reserve	<u>16 - 50 ft. lengths</u>	<u>800 ft.</u>
		66 - 50 ft. lengths	3,300 ft.
3/4"	Booster in service - companies	55 - 50 ft. lengths	2,750 ft.
3/4"	Booster in reserve	<u>9 - 50 ft. lengths</u>	<u>450 ft.</u>
		64 - 50 ft. lengths	3,200 ft.

New Hose Received

4"	Hi-Vol-Lite	80 - ft. ft. lengths	4,000 ft.
2½"	100% Poly	25 - 50 ft. lengths	1,250 ft.
1-3/4"	- 100% Poly	50 - 50 ft. lengths	2,500 ft.
1"	Booster	<u>6 - 50 ft. lengths</u>	<u>300 ft.</u>
		161 - 50 ft. lengths	8,050 ft.

New Hose Issued

4½"	- 15 ft. lengths (soft suction	4 lengths
4"	- 25 ft. lengths	13 lengths
4"	- 50 ft. lengths	155 lengths
3"	- 50 ft. lengths	7 lengths
2½"	- 50 ft. lengths	21 lengths
1-3/4"	- 50 ft. lengths	77 lengths
1½"	- 50 ft. lengths	14 lengths
1"	- Booster	1 length
3/4"	- Booster	<u>3 lengths</u>
		295 lengths - 14,750 ft. Issued

Hose Repaired

4½"	- 14 lengths
4"	- 59 lengths (25 ft.)
3"	- 23 lengths
2½"	- 27 lengths
1-3/4"	78 lengths
1½"	- 37 lengths
1"	- 7 lengths
3/4"	- <u>14 lengths</u>
	256 lengths Repaired

Hose Tested

4"	Hi-Vol	170 lengths	8,500 ft.	Failed - 8 lengths	Missing - 0 lengths
3"	Poly	140 lengths	7,000 ft.	" - 5 lengths	" - 4 lengths
2½"	Poly	293 lengths	14,650 ft.	" - 4 lengths	" - 9 lengths
1-3/4"	Poly	234 lengths	11,700 ft.	" - 20 lengths	" - 19 lengths
1½"	Poly	122 lengths	6,100 ft.	" - 6 lengths	" - 18 lengths
3/4"	Booster	55 lengths	2,750 ft.	" - 0 lengths	" - 0 lengths
1"	Booster	<u>50 lengths</u>	<u>2,500 ft.</u>	" - <u>0 lengths</u>	" - <u>0 lengths</u>
		1,064 lengths	53,200 ft.	Failed 43 lengths	Missing 50 lengths

Total number of valves, nozzles, adapters, equipment and miscellaneous Articles issued for the year - 122.

Total number repaired - 191.

## SPECIAL SERVICES AND SUPPLY

### Performance Report

1984

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Number of alarms answered	505
Number of pickups and deliveries made	22,852
Gasoline distributed at fires (gallons)	236
Motor oil distributed at fires (gallons)	32
Diesel oil distributed at fires(gallons)	336
Electric Generator used	23
Floodlight cable used	23
Number of lights used	45
Window shades	194
Cellars pumped out	160
Hours spent pumping out cellars	416
Portolites repaired	697
Liquid foam distributed to companies (gallons)	723
Portolites batteries distributed to companies	932
Oxygen cylinders refilled	114
Survivair M.S.A. air cylinders refilled	15,148
15 lb. C.O.2 extinguishers refilled	215
Masks repaired	3,374
Canvas covers for bags, boxes, deck, and repair	71
Air tanks repaired	179
Dry powder extinguisher refilled	141
Smoke ejector on special calls	15
Hi-Ex expansion foam unit on special calls	12
Ladders repaired	77
Ladders repaired(feet)	2,553
Movement of apparatus	102
Metal hooks assembled and repaired	326
Salvage cover pick up	135
K12 and K1290 saw repairs	334
Generator repairs	51
Salvage covers delivered	143

TRAINING DIVISION  
ANNUAL REPORT SUBMITTED BY  
ALFRED FRED A, DEPUTY CHIEF  
FOR THE YEAR 1984

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The Training Division is responsible for all phases of Fire Department training. This responsibility includes training of recruit Firefighters, in-service fire service personnel and industrial fire brigades. The realization of these responsibilities is accomplished through course material presented by the National Fire Protection Association Standard 1001 and programs of instruction postulated by the International Fire Service Training Association.

The following major training programs were completed under the direct supervision of Training Division Personnel:

MAJOR TRAINING PROGRAMS

Recruit Training (1 man) .....	1/9/81 - 1/13/84
HAZ-MAT Training (officers) .....	1/9/84 - 3/14/84
Cardio-Pulmonary Resuscitation Training (Line Dept.) .....	1/17/84 - 2/2/84
Self-contained Breathing Apparatus (safety tips) .....	1/20/84 - 4/27/84
Care and Use of Large Diameter Hose.....	2/27/84 - 3/3/84
17th Probationary Class .....	5/7/84 - 6/1/84
Heavy Rescue by N.J. State Police(Fire Rescue) .....	8/2/84 - 8/3/84
West Orange Fire Dept.- Self-contained Breathing Apparatus	4/23/84 - 10/1/84
Evacuation of Hi-Rise Elevators .....	10/2/84 - 10/14/84
Gateway Security (Crash Injury Management) .....	10/5/84 - 10/20/84
Elizabeth Fire Dept. - Self-contained Breathing Apparatus.	10/16/84
Ventilation & Forcible Entry .....	10/30/84 - 12/28/84
18th Probationary Class .....	11/5/84 - 11/16/84

SPECIALIZED TRAINING

Essex County Jail Guards	Gateway Security
A.T.F. Arson Task Force	Social Security Office
Board of Education	Rutgers Health Fair
Prosecutors Office	University of Medicine
New Jersey Bell	and Dentistry of N.J.
Newark Auxiliary Firefighters	Central Avenue Pre-School
Irvington Police Department	Western Electric Company

DEMONSTRATION OF :

D. O. H. Ecolizer 13	Absolute Foam Nozzle
Emergency One Aerial	Self-contained Breathing Apparatus
Halon Extinguishers	Light Water
Drexel Brook Tank Level Device	

## Training Division (2)

A very important aspect of this Division's responsibility is the training of Industrial Fire Brigades and Security Forces of other Government Agencies. Training in First Aid Firefighting and related subjects was offered to the following agencies:

Gateway Security  
University of Medicine & Dentistry of N.J.  
Newark Auxiliary Firefighters  
Western Electric Company  
Gateway III

In the previous year the Academy Staff assumed the responsibility of certifying apparatus drivers and certified thirty-eight firefighters.

In cooperation with U.M.D.N.J., the Training Academy coordinated the Hypertension Intervention Trial. All members, line and staff, were asked to participate. If anyone was found to have hypertension, they were asked to join this drug free program at no cost. This program was very successful, and many Fire Department personnel are still enrolled.

The Audio Visual Department continued to operate under standard operating procedures. This included filming actual fires for training purposes. A new dimension has been added by acquiring a state of the art camera and 6' T.V. projection screen. We have begun training members of the Newark Fire Department on a series of T.V. tapes produced by I.F.S.T.A. A summary of the activities produced by the Audio Visual Department has been submitted under separate cover.

The Fireboat, John F. Kennedy, has been in dry dock awaiting repairs. We hope to have it back in service this year.

In cooperation with Foundation for Fire Safety, the Training Academy served as the hub for a study on fire deaths. This study has been termed Post-Mortem Protocols. With the Commanding Officer of the Academy serving as Project Manager, the three member team, consisting of Deputy Chief Alfred Freda, Captain Eugene Anderson, and Dr. David Barillo, responded to all Signal 200's. We took photographs, drew sketches and retrieved fire samples. On all incidences, we responded to the emergency room and/or the Medical Examiner's Office to collect data. All of the acquired data was forwarded to the Foundation. We hope to continue in the ensuing year.

The Commanding Officer and the staff at the Training Center, wish to extend our thanks and gratitude to the Director John P. Caufield, and Fire Chief Stanley J. Kossup, for their progressive leadership and wholehearted support. Without this enthusiastic leadership, it would have been impossible to achieve our objectives.

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TRAINING DIVISION  
ANNUAL REPORT SUBMITTED BY  
JAMES W. McCORMACK, DEPUTY CHIEF  
SAFETY OFFICER  
FOR THE YEAR 1984

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Since I took over the duties of Safety Officer the following activities were performed:

1. Conducted two meetings of the Safety Committee at which discussions were held concerning rodent problems in fire houses and possible methods to alleviate this condition. As a result it was agreed that a training program would be advantageous explaining the connection between poor housekeeping and the rodent population.

Literature was secured from the rodent control agency for distribution to all companies. Copies of minutes of the meeting were submitted to the Chief covering all pertinent details for approval.

2. Assisted in the training of thirty recruits in the areas of building construction and ventilation. During these lectures emphasis was placed on the safety aspects of knowing building construction and the health and safety benefits of proper ventilation.
3. All accident reports were reviewed and classified by myself according to the Fleet Accident Type Classification. During the year 1984 we had forty accidents, an increase of six from the previous year. It was felt by the group in reviewing the accident reports that since thirteen of the accidents were caused by our personnel hitting doors entering or leaving quarters, or hitting parked cars while turning or striking other stationary objects, the most immediate gains in cutting accident statistics might be achieved in this area. Over 25% of our total yearly accidents were in the areas mentioned.

Discussion followed with committee on methods to be used in setting up a proper training program. Several good ideas were advanced and are being pursued. It was suggested that the state may have a training program in this area that we could use as a guideline to set up our own program. Eyesight should be checked in all accidents involving hitting stationary objects.

Training Division  
Safety Officer's Report - (cont'd)

The Fire Chief will be advised when the program is formulated and ready to be implemented.

A meeting of the safety and accident committee was held on January 30, 1985. Discussions were held in the areas mentioned as well as others. Minutes of this meeting will be forwarded to the Chief.

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TRAINING DIVISION  
ANNUAL REPORT SUBMITTED BY  
JAMES W. McCORMACK, DEPUTY CHIEF  
WATER OFFICER  
FOR THE YEAR 1984

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In my capacity as Water Officer I have performed many duties and tried, successfully, to expand the duties of this office.

We have concluded both of the semi-annual hydrant inspections in which every hydrant in the city is inspected.

In these inspections we have identified all problem hydrants (broken, missing, damaged, turned off, etc.) This information has been made available to the Water Department, so they may start their repair procedures. In addition, working closely with Mr. Gerrit De Vries, Data Processing Coordinator, all this information has been computerized, and an up-to-date print-out has been generated showing the current status of any hydrant in the city. This list is updated weekly via a process established between Gerrit De Vries, Mr. Don Wittish, Water Department Engineer, and myself. A weekly list of repairs is delivered to Mr. De Vries, who updates the computer and creates a new list. We have, as a general rule, been running an average of about 250 hydrants out of service. This figure has gone as high as 450 after an inspection, but is generally reduced to the 250 figure within months.

While I would ideally like to report to the Fire Chief that we have no hydrants out of service and while I feel much improvement could be made in the quantity and speed of repairs generally, I am satisfied that the Water Department is doing all it can within the limits of its own budget and manpower constraints.

I have developed and enjoy an excellent rapport with Don Wittish, Water Department Engineer. We have developed a solid working relationship and have been able to solve many inter-departmental problems.

Captain Owen Donnelly came across nine out-of-service hydrants in the vicinity of an industrial complex, affecting the ability to control a fire. A phone call to Mr. Wittish brought immediate results and the next day four or five of the hydrants were back in service. Two days later a major fire occurred at the plant and the repaired hydrants were used.

I have made numerous field trips to inspect problem areas and reported same to the Water Department. Mr. Wittish and I have made several field trips together to inspect first hand.

We have made numerous visits to the Water Department to attend meetings involving matters of interest to the Fire Department.

Water Officer (cont'd)

Some other activities within the scope of this office were the overseeing of the annual summer problems due to the illegally opened hydrants. We have also had input into the new hydrant locks being bought and are now able to report that the Water Department is purchasing a substantial number of these locks in their new budget and will install them this year.

We have received hundreds of calls from the general public with various complaints about hydrants. In all cases we have endeavored to deal with these people in a courteous and expeditious manner realizing that we are their only contact with the city, and how they are treated will, in a large manner, reflect their future attitude towards the Fire Department.

We believe we have for the most part performed these duties expeditiously and well.

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TRAINING DIVISION PERFORMANCE REPORT

<u>ACADEMY TRAINING</u>	<u>SESSIONS</u>	<u>HRS. OF INSTRU.</u>	<u>ATTENDANCE</u>	<u>MAN HOURS</u>
Recruit Fire Training	35	200	51	3,620
Fire Brigades	12	48	92	4,416
Company Refresher	88	191	1,058	16,808
Officer Refresher	<u>19</u>	<u>40</u>	<u>127</u>	<u>5,080</u>
Total	154	479	1,328	29,924

<u>SPECIAL TRAINING</u>	<u>SESSIONS</u>	<u>HRS. OF INSTRU.</u>	<u>ATTENDANCE</u>	<u>MAN HOURS</u>
Preventive Maintenance	-	-	-	-
Driver Training	48	96	52	4,992
Apparatus Service Test	3	16	2	32
Pump Operations	44	92	168	610
Aerial Ladder	12	24	48	1,152
Misc. Training	<u>63</u>	<u>251</u>	<u>697</u>	<u>174,947</u>
Total	170	479	967	181,733

FIELD TRAINING

Drills in Quarters	5,865	Hours of Instruction -	24,634
Drills out of Quarters	<u>6,452</u>	Man Hours -	86,219
Total Drills	12,317		

<u>DEMONSTRATIONS</u>	<u>NUMBER</u>	<u>ATTENDANCE</u>
Fire Prevention	30	984
Extinguisher	36	1,184
Other	<u>11</u>	<u>392</u>
Total	77	2,560

<u>FILMS &amp; VIDEO TAPES</u>	<u>NUMBER</u>	<u>ATTENDANCE</u>
Shown at Academy	496	5,784
Loaned Out	<u>128</u>	<u>3,561</u>
Total	624	9,345

WATER OFFICER ACTIVITIES

Number of Hydrant Repairs Processed	-	520
Number of Conferences Attended	-	<u>48</u>
Total		568

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PLANNING AND RESEARCH DIVISION

ANNUAL REPORT SUBMITTED BY

JOHN J. VALENT, DEPUTY CHIEF

FOR THE YEAR 1984

During 1984, the Planning and Research Division provided staff assistance as directed by the Director and the Fire Chief. Assistance was also provided to other agencies, when requested.

Areas of activity included, but were not limited to, the following:

CAPITAL BUDGET PREPARATION AND MONITORING

1979 Capital Budget (Project Remaining)

Construction of Butler Building for relocation of Special Services and Supply to location adjacent to 17-19 Prince St. This project remains in the planning stage in the Department of Engineering.

1980 Capital Budget:

1. Apparatus Replacement:

(1) Tractor for aerial apparatus, (3) 1,000 GPM pumpers, and (1) aerial ladder work truck, all delivered and in service.

2. Reconstruction of Fire Stations:

- (a) 241-243 Martin Luther King Blvd.
- (b) 1028-1030 Bergen St.
- (c) 269-277 Park Ave.
- (d) 69-71 Vesey St.

Work is in progress at locations (b), (c), and (d).

1981 Capital Budget:

All items delivered and in use.

1982 Capital Budget:

None authorized.

1983 Capital Budget:

1. Apparatus Replacement:

- (a) One (1) aerial ladder quint
- (b) Three (3) 1,000 GPM pumpers equipped with telesqurt
- (c) One (1) rescue vehicle
- (d) Rehabilitation of Fireboat

Items (a), (b), and (c) scheduled for delivery January-February 1985. Item (d) has been advertised for bid.

2. Reconstruction of Fire Stations:

- (a) 526-528 Frelinghuysen Ave.
- (b) 469-473 Ferry St.
- (c) 691-701 North Sixth St.

All are currently in planning stage.

1984 Capital Budget Request;

1. Apparatus Replacement:

- (a) Two (2) 100 ft. aerial ladder quint
- (b) Three (3) 1,000 GPM pumpers with telesqurt accessories.

These items were removed by the Capital Improvement Committee.

2. Reconstruction of Fire Stations:

- (a) 420-438 Sandford Avenue
- (b) 521 Central Avenue
- (c) 87-89 Elm Road

This item removed by Capital Improvement Committee.

3. Rehabilitation of river bulkhead, 34 Jersey St.  
Fire Training Center.

Item approved and awaiting funding.

4. Installation of fire and burglar alarm system,  
Fire Headquarters, 1010 18th Avenue.

Item removed by Capital Improvement Committee.

5. Modernization of Fire Alarm System, Fire Signal  
Operations, Room 420, City Hall.

Item approved and awaiting funding.

## Planning and Research (3)

### 1985 Capital Budget Request :

#### 1. Apparatus Replacement

- (a) Three (3) aerial ladder quints
- (b) Four (4) 1,000 GPM with telesquirt accessories.

#### 2. Fire Station Rehabilitation Program

- (a) 420-438 Sandford Avenue
- (b) 521 Central Avenue
- (c) 87-89 Elm Road

#### 3. Internal and external building rehabilitation, including burglar and fire alarm system for Fire Headquarters, 1010 18th Avenue.

### SICK LEAVE AND INJURY REPORTING SYSTEM

Sick and injury leave reports are monitored and coded daily. Reports pertaining to sick and injury leaves are presented to the Director and Fire Chief on a weekly basis.

### MONITORING OF ON-DUTY MANPOWER

Daily roll call records are maintained for all companies. Manpower projections are determined for vacation periods and emergencies, along with overtime needs to ensure adequate manpower.

### SCHOOLS, CONVENTIONS, SEMINARS

A file and schedule of all upcoming Fire Service educational events are maintained. Arrangements for travel, registration and expenses are handled through this Division.

### FUEL CONSERVATION (Motor Vehicles)

All motor vehicle fuel consumption with the Department is monitored, reports are submitted to the Director and Fire Chief.

### AFFIRMATIVE ACTION

This Division submits quarterly reports to the Human Rights Commission concerning all Department activities in the following areas: appointments, retirements, demotions and resignations. Additionally, annual reports of all employment activities and salary listings, on a twelve month basis from July 1st to June 30th of the following year, are forwarded to the Human Rights Commission.

The Planning and Research Division performs many additional functions as directed by the Director and Fire Chief, and in addition, responds to requests from other inter-departmental and intra-departmental agencies. Reasonable requests from other organizations are acted upon according to priority and availability of resources.

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COMMUNITY RELATIONS DIVISION

ANNUAL REPORT SUBMITTED BY  
ROBERT E. FITZPATRICK  
BATTALION CHIEF  
FOR THE YEAR 1984

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During the year of 1984, the Community Relations Division, (Headquarters 20), continued to be involved in various activities and programs which strengthened the rapport between the public and the Fire Department.

Headquarters 20 has continued its services to the victims of fires and other disasters by maintaining its contact with both public and private agencies. The resources of the charitable organizations supported by the United Appeals, were called upon to assist numerous victims. Agencies of the city and county provided many victims with the essentials or necessities of life. The Community Relations Division has concentrated on providing the public with effective services both day and night, every day of the year.

Over the years, hot weather has brought hydrant problems, and this past year was no different. The illegal use of hydrants on the street is a serious problem because it brings about reduced water pressure and damage to the hydrants. The shutting of illegally opened hydrants becomes more essential as the days get hotter, because the number of hydrants opened illegally escalates. The illegal use of hydrants is also compounded by the hydrants being vandalized and this causes hydrants to be put out of service. Many man-hours were devoted to turning off illegally used hydrants.

During the past year, the Community Relations Division continued to honor requests to speak before teachers, pupils and parents at schools on fire safety and careers in the Fire Service. Films have been shown to classes at meetings throughout the city. Fire prevention materials have been disseminated to those attending classes and meetings. Demonstrations were also given at different locations in the city for the public's edification. In particular this past year a great amount of time was given to the Newark Board of Education, Division of Personnel Development and Training.

Community Relations Division (2)

Chief Fitzpatrick provided training and assistance in the following areas to the Personnel Development Division:

1. Proper use of Fire Extinguishers.
2. Evacuation procedures and planned or unplanned Fire Drills.
3. Assisting handicapped persons.
4. Dissemination of information for awareness and following procedures to all Central Office Employees. (700)

The Newark Board of Education should be applauded for its efforts concerning Fire Safety for both their employees and the students they serve.

The Fire Auxiliary has continued to improve their documentation of services given to the city. The number of times that auxiliary firefighters have presented themselves, has improved on records. The number of man-hours at fire houses and alarms responded to, has been better documented. It should also be recognized that many auxiliary firefighters respond to fires from their homes.

Director John P. Caufield has continued with his policy of having the Community Relations Division support and assist charitable agencies in performing their duties to the public. The Community Relations Division has assisted in charity fund drives by helping with logistical matters, assisted with volunteers and provided security for same.

The 1984 Christmas Toy Drive was successful in the procuring of gifts for children. Captain Sante D'Emidio, retired, was very helpful in contacting commercial sources to improve our gift giving capability. Many good people volunteered a great deal of their time to make the Christmas season meaningful to the children of our city.

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DATA PROCESSING UNIT  
ANNUAL REPORT FOR 1984  
SUBMITTED BY  
GERRIT L. DeVRIES  
DATA PROCESSING COORDINATOR

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The Data Processing Unit of the Planning and Research Division has completed various computer applications, which include making the following printouts for Department use:

1. A list of inspections and updating of conditions of hydrants in the city.
2. Overtime reports on a weekly basis.
3. Personnel listings and history as needed.
4. Sick reports on all employees.
5. Compensation claims on file.
6. Monthly vacant building reports.
7. Printout of issued permits.

Members of the Data Processing Unit have performed all the activities and duties as required by the Director and the Fire Chief of the Fire Department.

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PHOTOGRAPHY DIVISION  
ANNUAL REPORT SUBMITTED BY  
FIREFIGHTER LAWRENCE KRIEGER  
FOR THE YEAR 1984

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The following report is herewith respectfully submitted  
outlining the activities of the Photo Division for the year 1984.

Assignments responded to:

Signal 100 (Arson or Suspected)	40
Signal 200 (Death at Fire)	18
Public Relations (includes appointments, awards, promotions and demonstrations)	37
Special Assignments (includes working in cooperation with other agencies, Law Department, Fire Prevention Division, Demolition and Engineering Departments.)	132
TOTAL ASSIGNMENTS	227

Darkroom Activities

Black and White Negatives developed	3,576
Black and White Prints processed	4,595
Color Negatives developed	550
Color Prints processed	1,426

I wish to extend my sincere thanks to all the Officers  
and Members of the Fire Department for their cooperation  
assistance throughout the past year.

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PUBLIC RELATIONS DIVISION  
ANNUAL REPORT FOR THE YEAR 1984  
SUBMITTED BY  
LONNIE TUCKER, COMMUNITY RELATIONS COORDINATOR

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The following report is herewith respectfully submitted outlining activities of the Fire Department's Public Relations Division for the year 1984.

This division has continued to keep the public informed of various events in fire prevention through the use of radio, television, newspapers, and weekly reports within the communities.

The message of fire prevention and the Fire Director's Smoke Detector plan has been brought to the attention of other agencies who will join the Fire Department in its efforts to bring fire prevention knowledge to the people.

In the year 1984, the Public Relations Division worked with other city, state and federal agencies which provided assistance to the fire victims.

As the liaison man in the Fire Department, I responded to fires as requested, and carried out other assignments as needed.

The Public Relations Division is in charge of issuing information in the form of releases to the news media upon request.

I wish to extend my most sincere thanks to the Officers and Members of the Fire Department for their cooperation throughout the year.

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MEDICAL DIVISION  
ANNUAL REPORT SUBMITTED BY  
MORRIS HALPER, M.D.  
FOR THE YEAR 1984

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During the year of 1984, as part-time Fire Department Surgeon, my basic availability to the Fire Department was two days per week in addition to any special consultation requested by the Director or the Fire Chief.

Medical records of members on injury or sick leave were routinely examined and an evaluation of their condition and progress was submitted to the Fire Chief.

During 1984, a number of candidates considered for appointment to the Fire Department have been examined by me. Recommendations and findings concerning the candidates' health were submitted to the Director and the Fire Chief.

I wish to take this opportunity to thank all the Officers and Members of the Fire Department who have cooperated with me in providing service to members of the Fire Department.

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ANNUAL REPORT  
SUBMITTED BY THE  
CATHOLIC CHAPLAIN  
REV. HORTON. J. RAUGHT  
FOR THE YEAR 1984

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The following is a report of my activities as Chaplain of the Newark Fire Department for the year 1984.

Responded to 71 fires, of which 66 were multiple alarms.

Visited the various hospitals in the area to attend members of the Fire Department who were ill or injured in the line of duty, and also visited members of their families.

Attended all swearing in ceremonies as well as all promotions and award ceremonies.

Attended wakes for deceased members of the Fire Department or members of their families. Participated in the funeral services of members of the Department, both active and retired.

I was available for and participated in conferences with members of the Department or their families.

Conducted the 61st Annual Memorial Service for deceased members. This annual Memorial Mass and Service was conducted at St. Rose of Lima Church of Newark.

Attended Fire Prevention demonstrations pertaining to Fire Department affairs, and those sponsored by the Fire Department Historical Association and the Bell and Siren Club.

I wish to express my deep and sincere gratitude to Director John P. Caufield, Fire Chief Stanley J. Kossup, and to all the officers and members of the Newark Fire Department for the friendship, courtesy and cooperation they have shown me.

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ANNUAL REPORT  
SUBMITTED BY  
THE  
JEWISH CHAPLAIN  
RABBI HORACE L. ZEMEL  
FOR THE YEAR 1984

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I wish to report throughout the year 1984, as Chaplain of the Newark Fire Department, to the best of my ability, I have answered fire calls when summoned, participated in public functions, attended the sick and dying, and in general, lent myself in full capacity as clergyman over all those to whom I minister, in whatever contingency my services were needed.

The making of this report gives me once again, the opportunity of letting you know that I am not unmindful of the many courtesies extended to me in the performance of the duties of my office, for which I am extremely grateful.

May I wish you, and through you, all those in the Fire Department, a year marked by peace in the world, order in our government, health in the home, and success in every worthwhile effort.

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THE BELL AND SIREN CLUB, INC.

ANNUAL REPORT  
FOR THE YEAR 1984

The Bell and Siren Club, organized in 1949, is a non-profit, voluntary group, dependent upon membership dues, social functions, and the contributions of the firefighters of the communities it serves, to finance its activities and acquire and maintain its equipment.

Membership is limited to 50 active members whose conduct must adhere to the official club Code of Operations. Public officials and candidates for public office are not eligible for membership.

The Club serves free refreshments of coffee, orange drink, tea, hot soup, etc., from a mobile canteen unit, "The Rig", to firefighters at the scene of a fire, inside the fire lines.

The Rig is owned by the Club, but it is quartered with Rescue Co. 1, courtesy of the Mayor and the Newark Fire Department.

During 1984, the Club responded to 116 fire emergencies, comprised of:

- 63 - second alarms
- 9 - third alarms
- 13 - special calls
- 14 - multiple alarms in East Orange
- 3 - special calls in South Orange
- 9 - special calls in Bloomfield
- 2 - special calls in West Orange
- 2 - special calls in Irvington
- 1 - special call in Verona

Services rendered included:

- 9,597 cups of coffee
- 725 cups of cold drink
- 5,752 cups of iced tea
- 244 cups of hot tea
- 180 cups of water
- 114 cups of beef broth
- 908 cups of hot chocolate

- 520 doz. cookies and cake
- 25 lbs. beef stew
- 22 doz. doughnuts
- 142 cups milk
- 264 cigarettes

extend our thanks and appreciation to the elected officials of Newark, to Fire Director John P. Caufield and to Stanley Kossup, and to all the officers and members of the Department for their help and assistance during

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FIRE AUXILIARY SERVICE  
ANNUAL REPORT SUBMITTED BY  
CAPTAIN CHARLES J. MANARA  
FOR THE YEAR 1984

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In 1984 there were 17 new applicants for the Newark Fire Auxiliary Services. Twenty men left the unit for reasons of health, personal problems or job commitments which brings our total to 149 active members and 100 semi-active members.

They reported to the fire houses 777 times and spent 4,328 hours on duty and responded to 1,237 alarms; spent 415 hours working at fires and 171 hours at drills in and out of quarters.

On Saturday, September 15, 1984, we held a drill at the Newark Fire Training Center, under the supervision of Captain Carl F. Duerr. Forty men attended the drill, which lasted four hours.

The new helmets and shoulder patches purchased in 1983, were distributed throughout the year of 1984.

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